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# Fabric

Fabrics are a foundational aspect of your project—making their quality crucial to your success. At Trivantage®, we offer an extensive selection of performance fabrics with the strength and durability to stand up to indoor and outdoor environments, on land or water. With options as stylish as they are powerful, you're sure to find a fabric that gets the job done. Available in full rolls or by the yard.

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## Sunbrella® Awning Solids 46 in.

Sunbrella makes it easy to create beautiful designs that outperform the elements. A favorite for awning use, this fabric excels outdoors. The easy-clean material offers excellent water, weather, mildew, and fade resistance. Unlike other performance textiles, Sunbrella is flexible and easy to work with. Choose from a wide selection of high-depth solid colors in Awning 46-inch Solids. Coordinate with Sunbrella upholstery fabrics for a cohesive look.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

Note: Sunbrella Silica fabrics are distinctly different from front to back. Either side is usable. Please be consistent in orientation.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
874612	4612-0000	Aruba	60 yd.	9 oz./sq. yd.	46 in.
874688	4688-0000	Basil	60 yd.	9 oz./sq. yd.	46 in.
874620	4620-0000	Beige	60 yd.	9 oz./sq. yd.	46 in.
874608	4608-0000	Black	60 yd.	9 oz./sq. yd.	46 in.

Item Number	Style Number	Color	Put Up	Weight	Width
874631	4631-0000	Burgundy	60 yd.	9 oz./sq. yd.	46 in.
874630	4630-0000	Cadet Grey	60 yd.	9 oz./sq. yd.	46 in.
874675	4675-0000	Capri	60 yd.	9 oz./sq. yd.	46 in.
874646	4646-0000	Captain Navy	60 yd.	9 oz./sq. yd.	46 in.
874644	4644-0000	Charcoal Grey	60 yd.	9 oz./sq. yd.	46 in.
874607	4607-0000	Charcoal Tweed	60 yd.	9 oz./sq. yd.	46 in.
875709	14609-0000	Cloud	60 yd.	9 oz./sq. yd.	46 in.
874676	4676-0000	Cocoa	60 yd.	9 oz./sq. yd.	46 in.
874662	4662-0000	Crest Ash	60 yd.	9 oz./sq. yd.	46 in.
874660	4660-0000	Crest Birch	60 yd.	9 oz./sq. yd.	46 in.
874606	4606-0000	Dubonnet Tweed	60 yd.	9 oz./sq. yd.	46 in.
874600	4600-0000	Erin Green	60 yd.	9 oz./sq. yd.	46 in.
874671	4671-0000	Fern	60 yd.	9 oz./sq. yd.	46 in.
874637	4637-0000	Forest Green	60 yd.	9 oz./sq. yd.	46 in.
874672	4672-0000	Heather Beige	60 yd.	9 oz./sq. yd.	46 in.
874605	4605-0000	Hemlock Tweed	60 yd.	9 oz./sq. yd.	46 in.
875613	14613-0000	Hogan Admiral	60 yd.	9 oz./sq. yd.	46 in.
875612	14612-0000	Hogan Artic	60 yd.	9 oz./sq. yd.	46 in.
875616	14616-0000	Hogan Carob	60 yd.	9 oz./sq. yd.	46 in.
875617	14617-0000	Hogan Flame	60 yd.	9 oz./sq. yd.	46 in.
875611	14611-0000	Hogan Marina	60 yd.	9 oz./sq. yd.	46 in.
875615	14615-0000	Hogan Sparrow	60 yd.	9 oz./sq. yd.	46 in.
875614	14614-0000	Hogan Walnut	60 yd.	9 oz./sq. yd.	46 in.
874532	4632-0000	Ivy	60 yd.	9 oz./sq. yd.	46 in.
874603	4603-0000	Jockey Red	60 yd.	9 oz./sq. yd.	46 in.
874633	4633-0000	Linen	60 yd.	9 oz./sq. yd.	46 in.
874654	4654-0000	Linen Tweed	60 yd.	9 oz./sq. yd.	46 in.
874666	4666-0000	Logo Red	60 yd.	9 oz./sq. yd.	46 in.
874678	4678-0000	Marine Blue	60 yd.	9 oz./sq. yd.	46 in.
874652	4652-0000	Mediterranean Blue	60 yd.	9 oz./sq. yd.	46 in.
874653	4653-0000	Mediterranean Blue Tweed	60 yd.	9 oz./sq. yd.	46 in.
874616	4616-0000	Mocha Tweed	60 yd.	9 oz./sq. yd.	46 in.
874604	4604-0000	Natural	60 yd.	9 oz./sq. yd.	46 in.
874626	4626-0000	Navy	60 yd.	9 oz./sq. yd.	46 in.
874679	4679-0000	Ocean Blue	60 yd.	9 oz./sq. yd.	46 in.
874609	4609-0000	Orange	60 yd.	9 oz./sq. yd.	46 in.
874642	4642-0000	Oyster	60 yd.	9 oz./sq. yd.	46 in.
874601	4601-0000	Pacific Blue	60 yd.	9 oz./sq. yd.	46 in.
874683	4683-0000	Parchment	60 yd.	9 oz./sq. yd.	46 in.
874617	4617-0000	Royal Blue Tweed	60 yd.	9 oz./sq. yd.	46 in.
874641	4641-0000	Sapphire Blue	60 yd.	9 oz./sq. yd.	46 in.
874664	4664-0000	Sea	60 yd.	9 oz./sq. yd.	46 in.
874897	4897-0000	Silica Charcoal	60 yd.	9 oz./sq. yd.	46 in.



Item Number	Style Number	Color	Put Up	Weight	Width
874859	4859-0000	Silica Dune	60 yd.	9 oz./sq. yd.	46 in.
874670	4833-0000	Silica Gravel	60 yd.	9 oz./sq. yd.	46 in.
874860	4860-0000	Silica Sesame	60 yd.	9 oz./sq. yd.	46 in.
874862	4862-0000	Silica Silver	60 yd.	9 oz./sq. yd.	46 in.
874861	4861-0000	Silica Stone	60 yd.	9 oz./sq. yd.	46 in.
874651	4651-0000	Silver	60 yd.	9 oz./sq. yd.	46 in.
874624	4624-0000	Sky Blue	60 yd.	9 oz./sq. yd.	46 in.
874684	4684-0000	Slate	60 yd.	9 oz./sq. yd.	46 in.
874615	4615-0000	Smoke	60 yd.	9 oz./sq. yd.	46 in.
874669	4636-0000	Storm	60 yd.	9 oz./sq. yd.	46 in.
874602	4602-0000	Sunflower Yellow	60 yd.	9 oz./sq. yd.	46 in.
874648	4648-0000	Taupe	60 yd.	9 oz./sq. yd.	46 in.
874622	4622-0000	Terracotta	60 yd.	9 oz./sq. yd.	46 in.
874628	4628-0000	Toast	60 yd.	9 oz./sq. yd.	46 in.
875618	14618-0000	Toast Tweed	60 yd.	9 oz./sq. yd.	46 in.
874696	4696-0000	Tresco Birch	60 yd.	9 oz./sq. yd.	46 in.
874695	4695-0000	Tresco Linen	60 yd.	9 oz./sq. yd.	46 in.
874621	4621-0000	True Brown	60 yd.	9 oz./sq. yd.	46 in.
874610	4610-0000	Turquoise	60 yd.	9 oz./sq. yd.	46 in.
874677	4677-0000	Tuscan	60 yd.	9 oz./sq. yd.	46 in.
874618	4618-0000	Walnut Brown Tweed	60 yd.	9 oz./sq. yd.	46 in.
874680	4634-0000	White	60 yd.	9 oz./sq. yd.	46 in.

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## Sunbrella® Awning Solids 60 in.

Sunbrella makes it easy to craft beautiful designs that outlast the elements. Popular in the awning market, this fabric shines outdoors. The easy maintenance material delivers excellent resistance to water, weather, mildew, and fading. Set apart from other performance fabrics, Sunbrella is flexible and easy to work with. Pick from a wide selection of vibrant solid colors in Awning 60-inch Solids. Match with Sunbrella upholstery fabrics for a streamlined look.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

Note: Sunbrella Silica fabrics are distinctly different from front to back. Either side is usable. Please be consistent in orientation.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
721760	6023-0000	Aquamarine	60 yd.	9 oz./sq. yd.	60 in.
721766	6012-0000	Aruba	60 yd.	9 oz./sq. yd.	60 in.

Items continue on next page.

## FABRIC AWNING

Item Number	Style Number	Color	Put Up	Weight	Width
721790	6020-0000	Beige	60 yd.	9 oz./sq. yd.	60 in.
721755	6008-0000	Black	60 yd.	9 oz./sq. yd.	60 in.
721765	6031-0000	Burgundy	60 yd.	9 oz./sq. yd.	60 in.
721764	6030-0000	Cadet Grey	60 yd.	9 oz./sq. yd.	60 in.
721809	6075-0000	Capri	60 yd.	9 oz./sq. yd.	60 in.
721780	6046-0000	Captain Navy	60 yd.	9 oz./sq. yd.	60 in.
721778	6044-0000	Charcoal Grey	60 yd.	9 oz./sq. yd.	60 in.
721747	6007-0000	Charcoal Tweed	60 yd.	9 oz./sq. yd.	60 in.
721845	6064-0000	Cloud	60 yd.	9 oz./sq. yd.	60 in.
721810	6076-0000	Cocoa	60 yd.	9 oz./sq. yd.	60 in.
721799	6065-0000	Concord	60 yd.	9 oz./sq. yd.	60 in.
721754	6006-0000	Dubonnet Tweed	60 yd.	9 oz./sq. yd.	60 in.
721745	6000-0000	Erin Green	60 yd.	9 oz./sq. yd.	60 in.
721805	6071-0000	Fern	60 yd.	9 oz./sq. yd.	60 in.
721771	6037-0000	Forest Green	60 yd.	9 oz./sq. yd.	60 in.
721806	6072-0000	Heather Beige	60 yd.	9 oz./sq. yd.	60 in.
721753	6005-0000	Hemlock Tweed	60 yd.	9 oz./sq. yd.	60 in.
721832	6032-0000	Ivy	60 yd.	9 oz./sq. yd.	60 in.
721751	6003-0000	Jockey Red	60 yd.	9 oz./sq. yd.	60 in.
721767	6033-0000	Linen	60 yd.	9 oz./sq. yd.	60 in.
721788	6054-0000	Linen Tweed	60 yd.	9 oz./sq. yd.	60 in.
721800	6066-0000	Logo Red	60 yd.	9 oz./sq. yd.	60 in.
721812	6078-0000	Marine Blue	60 yd.	9 oz./sq. yd.	60 in.
721786	6052-0000	Mediterranean Blue	60 yd.	9 oz./sq. yd.	60 in.
721787	6053-0000	Mediterranean Blue Tweed	60 yd.	9 oz./sq. yd.	60 in.
721912	6036-0000	Midnight	60 yd.	9 oz./sq. yd.	60 in.
721752	6004-0000	Natural	60 yd.	9 oz./sq. yd.	60 in.
721762	6026-0000	Navy	60 yd.	9 oz./sq. yd.	60 in.
721813	6079-0000	Ocean Blue	60 yd.	9 oz./sq. yd.	60 in.
721741	6009-0000	Orange	60 yd.	9 oz./sq. yd.	60 in.
721776	6042-0000	Oyster	60 yd.	9 oz./sq. yd.	60 in.
721750	6001-0000	Pacific Blue	60 yd.	9 oz./sq. yd.	60 in.
721817	6083-0000	Parchment	60 yd.	9 oz./sq. yd.	60 in.
721777	6043-0000	Persian Green	60 yd.	9 oz./sq. yd.	60 in.
721757	6017-0000	Royal Blue Tweed	60 yd.	9 oz./sq. yd.	60 in.
721775	6041-0000	Sapphire Blue	60 yd.	9 oz./sq. yd.	60 in.
721907	6059-0000	Silica Dune	60 yd.	9 oz./sq. yd.	60 in.
721908	6063-0000	Silica Gravel	60 yd.	9 oz./sq. yd.	60 in.
721910	6062-0000	Silica Silver	60 yd.	9 oz./sq. yd.	60 in.
721911	6061-0000	Silica Stone	60 yd.	9 oz./sq. yd.	60 in.
721785	6051-0000	Silver	60 yd.	9 oz./sq. yd.	60 in.
721761	6024-0000	Sky Blue	60 yd.	9 oz./sq. yd.	60 in.
721818	6084-0000	Slate	60 yd.	9 oz./sq. yd.	60 in.
721815	6015-0000	Smoke	60 yd.	9 oz./sq. yd.	60 in.
721746	6002-0000	Sunflower Yellow	60 yd.	9 oz./sq. yd.	60 in.
721782	6048-0000	Taupe	60 yd.	9 oz./sq. yd.	60 in.
721744	6022-0000	Terracotta	60 yd.	9 oz./sq. yd.	60 in.
721763	6028-0000	Toast	60 yd.	9 oz./sq. yd.	60 in.

Item Number	Style Number	Color	Put Up	Weight	Width
721872	2389-0060	Toast Tweed	60 yd.	9 oz./sq. yd.	60 in.
721827	6096-0000	Tresco Birch	60 yd.	9 oz./sq. yd.	60 in.
721826	6095-0000	Tresco Linen	60 yd.	9 oz./sq. yd.	60 in.
721759	6021-0000	True Brown	60 yd.	9 oz./sq. yd.	60 in.
721748	6010-0000	Turquoise	60 yd.	9 oz./sq. yd.	60 in.
721811	6077-0000	Tuscan	60 yd.	9 oz./sq. yd.	60 in.
721758	6018-0000	Walnut Brown Tweed	60 yd.	9 oz./sq. yd.	60 in.
721796	6034-0000	White	60 yd.	9 oz./sq. yd.	60 in.

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## Sunbrella® Awning Solids 80 in.

A favorite in awning applications, this fabric excels outdoors. The easy-clean material features high-grade resistance to fading, weather, water, and mildew. A step above other performance fabrics, Sunbrella is flexible and easy to handle. Choose from a large spectrum of vivid solid colors in Awning 80-inch Solids. The wider width makes it great for larger projects. Coordinate with Sunbrella upholstery fabrics for a polished look. Sunbrella makes it easy to craft stunning designs that stand up to the elements.

Suggested uses: fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
722308	80008-0000	Black	50 yd.	9 oz./sq. yd.	80 in.
722330	80030-0000	Cadet Grey	50 yd.	9 oz./sq. yd.	80 in.
722346	80046-0000	Captain Navy	50 yd.	9 oz./sq. yd.	80 in.
722301	80001-0000	Pacific Blue	50 yd.	9 oz./sq. yd.	80 in.
722328	80028-0000	Toast	50 yd.	9 oz./sq. yd.	80 in.

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## Sunbrella® Awning Stripes

A favorite for awning use, this classic striped fabric is built for the outdoors. The easy-care material offers excellent resistance to mildew, water, weather, and fading. Set apart from other technical fabrics, Sunbrella is flexible and easy to handle. Pick from a range of vivid color combinations in Awning 46-inch Stripes. Pair with Sunbrella upholstery fabrics for a polished look. Easily create beautiful designs that stand up to the elements with Sunbrella.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
874995	4995-0000	Ashford Forest	60 yd.	9 oz./sq. yd.	46 in.
874993	4993-0000	Baycrest Pacific	60 yd.	9 oz./sq. yd.	46 in.
874992	4992-0000	Baycrest Sky	60 yd.	9 oz./sq. yd.	46 in.
874704	5704-0000	Beaufort Black / White 6 Bar	60 yd.	9 oz./sq. yd.	46 in.
875808	4708-0000	Beaufort Captain Navy	60 yd.	9 oz./sq. yd.	46 in.
875725	4752-0000	Beaufort Cloud	60 yd.	9 oz./sq. yd.	46 in.
874806	4806-0000	Beaufort Forest Green / Natural 6 Bar	60 yd.	9 oz./sq. yd.	46 in.
875726	4753-0000	Beaufort Mushroom	60 yd.	9 oz./sq. yd.	46 in.
875727	4771-0000	Beaufort Peacock	60 yd.	9 oz./sq. yd.	46 in.
874738	4746-0000	Beaufort Sagebrush	60 yd.	9 oz./sq. yd.	46 in.
874702	5702-0000	Beaufort Yellow / White 6 Bar	60 yd.	9 oz./sq. yd.	46 in.
874946	4946-0000	Black / Taupe Fancy	60 yd.	9 oz./sq. yd.	46 in.
874923	4923-0000	Black Forest Fancy	60 yd.	9 oz./sq. yd.	46 in.
875810	4710-0000	Boone Navy	60 yd.	9 oz./sq. yd.	46 in.
874798	4798-0000	Burgundy / Black / White	60 yd.	9 oz./sq. yd.	46 in.
874902	4902-0000	Captain Navy / Natural Classic	60 yd.	9 oz./sq. yd.	46 in.
874776	4776-0000	Chocolate Chip Fancy	60 yd.	9 oz./sq. yd.	46 in.

Item Number	Style Number	Color	Put Up	Weight	Width
874888	4888-0000	Clinton Granite	60 yd.	9 oz./sq. yd.	46 in.
874856	4856-0000	Colonnade Juniper	60 yd.	9 oz./sq. yd.	46 in.
874857	4857-0000	Colonnade Redwood	60 yd.	9 oz./sq. yd.	46 in.
874746	4835-0000	Cooper Ash	60 yd.	9 oz./sq. yd.	46 in.
874988	4988-0000	Cooper Black	60 yd.	9 oz./sq. yd.	46 in.
874987	4987-0000	Cooper Navy	60 yd.	9 oz./sq. yd.	46 in.
874813	4813-0000	Eastland Redwood	60 yd.	9 oz./sq. yd.	46 in.
874994	4994-0000	Eastridge Cocoa	60 yd.	9 oz./sq. yd.	46 in.
875809	4709-0000	Equate Cashmere	60 yd.	9 oz./sq. yd.	46 in.
874766	4766-0000	Era Ash	60 yd.	9 oz./sq. yd.	46 in.
874959	4959-0000	Fern / Heather Beige Blockstripe	60 yd.	9 oz./sq. yd.	46 in.
874955	4955-0000	Fern Classic	60 yd.	9 oz./sq. yd.	46 in.
874932	4932-0000	Forest / Beige / Natural / Sage Fancy	60 yd.	9 oz./sq. yd.	46 in.
874790	4790-0000	Forest Green Fancy	60 yd.	9 oz./sq. yd.	46 in.
874949	4949-0000	Forest Vintage Bar Stripe	60 yd.	9 oz./sq. yd.	46 in.
874777	4777-0000	Grey / Beige Chip Fancy	60 yd.	9 oz./sq. yd.	46 in.
874799	4799-0000	Grey / Black / White	60 yd.	9 oz./sq. yd.	46 in.
874989	4989-0000	Hatteras Raven	60 yd.	9 oz./sq. yd.	46 in.
874985	4985-0000	Havelock Brick	60 yd.	9 oz./sq. yd.	46 in.
874954	4954-0000	Heather Beige Classic	60 yd.	9 oz./sq. yd.	46 in.
874751	4751-0000	Hemlock Tweed Fancy	60 yd.	9 oz./sq. yd.	46 in.
874969	4969-0000	Henna / Fern Vintage	60 yd.	9 oz./sq. yd.	46 in.
874868	4868-0000	Kiawah Spa	60 yd.	9 oz./sq. yd.	46 in.
874789	4789-0000	Manhattan Classic	60 yd.	9 oz./sq. yd.	46 in.
874876	4876-0000	Manhattan Fog	60 yd.	9 oz./sq. yd.	46 in.
875803	4703-0000	Marco Black	60 yd.	9 oz./sq. yd.	46 in.
875804	4704-0000	Marco Blue Grey	60 yd.	9 oz./sq. yd.	46 in.
875807	4707-0000	Marco Olive	60 yd.	9 oz./sq. yd.	46 in.
875806	4706-0000	Marco Sandstone	60 yd.	9 oz./sq. yd.	46 in.
874895	4895-0000	Motive Denim	60 yd.	9 oz./sq. yd.	46 in.
874916	4916-0000	Navy / Taupe Fancy	60 yd.	9 oz./sq. yd.	46 in.
874755	4755-0000	Pacific Blue Fancy	60 yd.	9 oz./sq. yd.	46 in.
875812	4712-0000	Paxton Dew	60 yd.	9 oz./sq. yd.	46 in.
875813	4713-0000	Paxton Marble	60 yd.	9 oz./sq. yd.	46 in.
875811	4711-0000	Paxton Stone	60 yd.	9 oz./sq. yd.	46 in.
874768	4768-0000	Preston Stone	60 yd.	9 oz./sq. yd.	46 in.
874961	4961-0000	Putty Regimental	60 yd.	9 oz./sq. yd.	46 in.
874884	4884-0000	Saxon Cascade	60 yd.	9 oz./sq. yd.	46 in.
874885	4885-0000	Saxon Chili	60 yd.	9 oz./sq. yd.	46 in.
874907	4907-0000	Taupe 5 Bar	60 yd.	9 oz./sq. yd.	46 in.
874945	4945-0000	Taupe Tailored Bar Stripe	60 yd.	9 oz./sq. yd.	46 in.
874736	4836-0000	Tillman Shale	60 yd.	9 oz./sq. yd.	46 in.
874817	4817-0000	Westfield Mushroom	60 yd.	9 oz./sq. yd.	46 in.

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## Sunbrella® Mayfield Collection®

Offered exclusively from Trivantage®, Sunbrella Mayfield features refined patterns and colors. The awning fabric combines a premium aesthetic with the legendary performance of Sunbrella. Classic designs and wider stripes add style and elegance to any canopy. The durable fabric is water repellent, mildew resistant, and heat sealable.

To further elevate outdoor living spaces, Mayfield coordinates with Sunbrella upholstery fabrics. This includes Sunbrella Fusion (also exclusive from Trivantage).

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
721797	6069-0000	Azure	60 yd.	9 oz./sq. yd.	60 in.
721731	6091-0000	Badger	60 yd.	9 oz./sq. yd.	60 in.
874982	4982-0000	Beaufort Classic	60 yd.	9 oz./sq. yd.	46 in.
721774	6040-0000	Black Cherry	60 yd.	9 oz./sq. yd.	60 in.
874855	4855-0000	Colonnade Fossil	60 yd.	9 oz./sq. yd.	46 in.
874823	4823-0000	Colonnade Seaglass	60 yd.	9 oz./sq. yd.	46 in.
874822	4822-0000	Colonnade Stone	60 yd.	9 oz./sq. yd.	46 in.
874841	4838-0000	Emblem Badger	60 yd.	9 oz./sq. yd.	46 in.
874840	4837-0000	Emblem Beige	60 yd.	9 oz./sq. yd.	46 in.
874824	4824-0000	Emblem Classic	60 yd.	9 oz./sq. yd.	46 in.
874842	4839-0000	Emblem Dew	60 yd.	9 oz./sq. yd.	46 in.
874899	4801-0000	Emblem Fern	60 yd.	9 oz./sq. yd.	46 in.
874898	4898-0000	Emblem Navy	60 yd.	9 oz./sq. yd.	46 in.
721730	6080-0000	Fawn	60 yd.	9 oz./sq. yd.	60 in.
721821	6085-0000	Ginkgo	60 yd.	9 oz./sq. yd.	60 in.
874991	4991-0000	Manteo Cardinal	60 yd.	9 oz./sq. yd.	46 in.
874921	4921-0000	Mediterranean / Canvas Block Stripe	60 yd.	9 oz./sq. yd.	46 in.
874880	4880-0000	Moreland Taupe	60 yd.	9 oz./sq. yd.	46 in.
721732	6093-0000	Pink	60 yd.	9 oz./sq. yd.	60 in.
874879	4879-0000	Rodanthe Metallic	60 yd.	9 oz./sq. yd.	46 in.
721739	2079-0060	Royal Navy	60 yd.	9 oz./sq. yd.	60 in.

Item Number	Style Number	Color	Put Up	Weight	Width
721825	6089-0000	Rust	60 yd.	9 oz./sq. yd.	60 in.
721807	6073-0000	Spa	60 yd.	9 oz./sq. yd.	60 in.
721808	6074-0000	Wheat	60 yd.	9 oz./sq. yd.	60 in.

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## Sunbrella® SeaMark®

Sunbrella SeaMark is a premium, exterior-grade awning fabric. The shade fabric stands out from the rest by uniquely bonding Sunbrella acrylic fabric to a color-matched, marine-grade PVC beneath. The top features a durable, fluorocarbon finish while the back is embossed with a textured, burbank-grain (fabric look) coat. Both sides are waterproof and mildew resistant for complete protection.

Suggested uses: fixed awnings, canopies, automotive covers, and equipment covers.

<b>Fabric</b>	100% Sunbrella® Acrylic Bonded to Vinyl
<b>Finish</b>	Top: Fluorocarbon Finish. Back: Textured Marine Grade Vinyl for Waterproof Finish.
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
726895	2095-0063	Black	50 yd.	16 oz./sq. yd.	60 in.
726897	2097-0063	Cadet Grey	50 yd.	16 oz./sq. yd.	60 in.
726898	2098-0063	Captain Navy	50 yd.	16 oz./sq. yd.	60 in.
726910	2110-0063	Charcoal Grey	50 yd.	16 oz./sq. yd.	60 in.
726905	2105-0063	Charcoal Tweed	50 yd.	16 oz./sq. yd.	60 in.
726902	2102-0063	Dubonnet Tweed	50 yd.	16 oz./sq. yd.	60 in.



## Sunbrella® Plus 80 in.

Sunbrella Plus is a awning fabric with a durable polyurethane undercoating for outstanding water repellency. Suggested uses: awnings, canopies, boat lift canopies.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent Backing
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
728508	84008-0000	Black	50 yd.	10 oz./sq. yd.	80 in.
728530	84030-0000	Cadet Grey	50 yd.	10 oz./sq. yd.	80 in.

Sunbrella® is a registered trademark of Glen Raven,

Item Number	Style Number	Color	Put Up	Weight	Width
726899	2099-0063	Hemlock Tweed	50 yd.	16 oz./sq. yd.	60 in.
726904	2104-0063	Linen	50 yd.	16 oz./sq. yd.	60 in.
726896	2096-0063	Linen Tweed	50 yd.	16 oz./sq. yd.	60 in.
726907	2107-0063	Navy	50 yd.	16 oz./sq. yd.	60 in.
726901	2101-0063	Oyster	50 yd.	16 oz./sq. yd.	60 in.
726903	2103-0063	Royal Blue Tweed	50 yd.	16 oz./sq. yd.	60 in.
726900	2100-0063	Toast Tweed	50 yd.	16 oz./sq. yd.	60 in.

SeaMark® is a registered trademark of the Haartz Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.



## Sunbrella® Plus 60 in.

Sunbrella Plus is a awning fabric with a durable polyurethane undercoating for outstanding water repellency.

Suggested uses: awnings, canopies, boat lift canopies.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent Backing
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
728408	8408-0000	Black	60 yd.	10 oz./sq. yd.	60 in.
728430	8430-0000	Cadet Grey	60 yd.	10 oz./sq. yd.	60 in.
728446	8446-0000	Captain Navy	60 yd.	10 oz./sq. yd.	60 in.
728404	8404-0000	Natural	60 yd.	10 oz./sq. yd.	60 in.
728428	8428-0000	Toast	60 yd.	10 oz./sq. yd.	60 in.

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## SGS Thermal Digital Print Film

SGS Thermal Digital Print Film is a flexible, urethane film which can be digitally printed and applied to Sunbrella® or other Glen Raven fabrics. For use with the Sunbrella Graphics System, it produces high-quality, durable graphics. The adhesive is thermal activated, dry to the touch at low temperatures, and will remain dry to the touch once cooled. The film can reduce the application time by 75% when compared to other pressure-sensitive films. It can also be used unprinted for white lettering or graphics where printing is not required. SGS Thermal Digital Print Film is suitable for use in most solvent, eco-solvent, and UV printers.

Sold in full rolls only.

Suggested uses: awnings, banners, umbrellas, covers.

<b>Warranty</b>	5-Year (vertical) / 3-Year (non-vertical)
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Item Number	Color	Put Up	Width
902676	White	25.153 yd.	30 in.
902678	White	25.153 yd.	60 in.

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## Dickson® North American Collection Solids

The Dickson North American collection offers timeless style and high performance. Choose from a vast selection of water-repellent, mildew-resistant fabrics in solid shades. Its special finish delays the formation and buildup of dirt. This fabric is colorfast, durable, and heat sealable. Dickson awning fabrics play a pivotal role in outdoor decorating.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Solution Dyed Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
895896	U136	Alabaster Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895104	7244	Amande (Avocado)	65 yd.	8.55 oz./sq. yd.	47 in.
895909	U388	Azure	65 yd.	8.55 oz./sq. yd.	47 in.
895895	U095	Basalt Chiné	65 yd.	8.55 oz./sq. yd.	47 in.
895894	8902	Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895899	U189	Beige Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895170	6028	Black	65 yd.	8.55 oz./sq. yd.	47 in.
895208	U224	Brownie	65 yd.	8.55 oz./sq. yd.	47 in.
895206	8206	Burgundy	65 yd.	8.55 oz./sq. yd.	47 in.
895171	U171	Carbon	65 yd.	8.55 oz./sq. yd.	47 in.
895916	U411	Carmine	65 yd.	8.55 oz./sq. yd.	47 in.
895137	7554	Cassis	65 yd.	8.55 oz./sq. yd.	47 in.
895910	U389	Chalk Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895891	7330	Charcoal Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895908	U387	Clay	65 yd.	8.55 oz./sq. yd.	47 in.
895207	8238	Deep Navy	65 yd.	8.55 oz./sq. yd.	47 in.
895135	0681	Dune	65 yd.	8.55 oz./sq. yd.	47 in.
895902	U321	Fern	65 yd.	8.55 oz./sq. yd.	47 in.
895062	U104	Flanelle Gray	65 yd.	8.55 oz./sq. yd.	47 in.

Item Number	Style Number	Color	Put Up	Weight	Width
895220	6687	Forest Green	65 yd.	8.55 oz./sq. yd.	47 in.
895898	U140	Gazelle Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895061	U105	Gold	65 yd.	8.55 oz./sq. yd.	47 in.
895175	6088	Gray	65 yd.	8.55 oz./sq. yd.	47 in.
895900	U190	Grey Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895903	U335	Gypsum	65 yd.	8.55 oz./sq. yd.	47 in.
895893	8779	Heather Chiné	65 yd.	8.55 oz./sq. yd.	47 in.
895918	U414	Honey	65 yd.	8.55 oz./sq. yd.	47 in.
895920	U417	Larch	65 yd.	8.55 oz./sq. yd.	47 in.
895063	8396	Lead Chine	65 yd.	8.55 oz./sq. yd.	47 in.
895060	8904	Linen	65 yd.	8.55 oz./sq. yd.	47 in.
895907	U373	Macadam Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895919	U415	Maize	65 yd.	8.55 oz./sq. yd.	47 in.
895914	U409	Marble	65 yd.	8.55 oz./sq. yd.	47 in.
895897	U137	Mink Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895915	U410	Mocha	65 yd.	8.55 oz./sq. yd.	47 in.
895103	7133	Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895160	6022	Navy Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895107	7264	Ocean Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895221	U814	Olive	65 yd.	8.55 oz./sq. yd.	47 in.
895115	0018	Orange	65 yd.	8.55 oz./sq. yd.	47 in.
895906	U370	Papyrus Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895202	3914	Paris Red	65 yd.	8.55 oz./sq. yd.	47 in.
895892	7972	Pearl	65 yd.	8.55 oz./sq. yd.	47 in.
895905	U343	Pepper	65 yd.	8.55 oz./sq. yd.	47 in.
895127	7552	Pewter	65 yd.	8.55 oz./sq. yd.	47 in.
895912	U407	Platinum	65 yd.	8.55 oz./sq. yd.	47 in.
895917	U413	Pumpkin	65 yd.	8.55 oz./sq. yd.	47 in.
895155	6020	Raw	65 yd.	8.55 oz./sq. yd.	47 in.
895117	7548	Raw Tweed / Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895120	0020	Red	65 yd.	8.55 oz./sq. yd.	47 in.
895110	0017	Royal Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895226	8203	Slate	65 yd.	8.55 oz./sq. yd.	47 in.
895911	U406	Steel	65 yd.	8.55 oz./sq. yd.	47 in.
895203	6196	Stone	65 yd.	8.55 oz./sq. yd.	47 in.
895904	U337	Suede	65 yd.	8.55 oz./sq. yd.	47 in.
895152	7559	Taupe	65 yd.	8.55 oz./sq. yd.	47 in.
895901	U235	Thatch	65 yd.	8.55 oz./sq. yd.	47 in.
895913	U408	Titanium	65 yd.	8.55 oz./sq. yd.	47 in.
895101	0001	White	65 yd.	8.55 oz./sq. yd.	47 in.
895190	6316	Yellow	65 yd.	8.55 oz./sq. yd.	47 in.

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## Dickson® North American Collection Stripes

The Dickson North American collection delivers high style and performance. Featuring a classic stripe design, the awning fabric is resistant to water and mildew. Its unique coating inhibits the growth and buildup of dirt. This fabric is durable, colorfast, and heat sealable. Dickson fabrics play a central role in outdoor décor.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Solution Dyed Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
895257	8402	6-Stripe Forest Green / White	65 yd.	8.55 oz./sq. yd.	47 in.
895931	6275	Baden Green	65 yd.	8.55 oz./sq. yd.	47 in.
897630	8630	Boston Lime / Mint (Genoa)	65 yd.	8.55 oz./sq. yd.	47 in.
895816	7466	Chicago (Casablanca)	65 yd.	8.55 oz./sq. yd.	47 in.
895985	D330	Color Block Black	65 yd.	8.55 oz./sq. yd.	47 in.
895986	D331	Color Block Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895989	D334	Color Block Brown	65 yd.	8.55 oz./sq. yd.	47 in.
895987	D332	Color Block Orange	65 yd.	8.55 oz./sq. yd.	47 in.
895990	D335	Color Block Red	65 yd.	8.55 oz./sq. yd.	47 in.
895988	D333	Color Block Yellow	65 yd.	8.55 oz./sq. yd.	47 in.
895982	D327	Craft Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895983	D328	Craft Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895984	D329	Craft Red	65 yd.	8.55 oz./sq. yd.	47 in.
895420	6173	Davos Natural / Linen / Burgundy	65 yd.	8.55 oz./sq. yd.	47 in.
897814	8614	Hardelot Green	65 yd.	8.55 oz./sq. yd.	47 in.
897612	8612	Hardelot Linen / Mustard / Cream	65 yd.	8.55 oz./sq. yd.	47 in.
895875	8935	Hardelot Tan / Beige / Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895930	6228	Hossegor Blue	65 yd.	8.55 oz./sq. yd.	47 in.

Item Number	Style Number	Color	Put Up	Weight	Width
895932	6276	Jackson Brown	65 yd.	8.55 oz./sq. yd.	47 in.
895755	D103	Manosque Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895758	D108	Manosque Dark Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895745	D104	Manosque Green	65 yd.	8.55 oz./sq. yd.	47 in.
895975	D309	Manosque Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895964	D107	Manosque Yellow	65 yd.	8.55 oz./sq. yd.	47 in.
895974	D308	Naples Dark Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895759	D113	Naples Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895971	D305	Naples Heather	65 yd.	8.55 oz./sq. yd.	47 in.
895972	D306	Naples Hemp	65 yd.	8.55 oz./sq. yd.	47 in.
895970	D304	Naples Light Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895973	D307	Naples Linen	65 yd.	8.55 oz./sq. yd.	47 in.
895934	7351	Oslo Red	65 yd.	8.55 oz./sq. yd.	47 in.
895254	8907	Paris Cadet Grey / Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895251	8553	Paris Lemon Yellow / Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895861	8556	Paris Navy / Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895960	8557	Paris Rouge Red / Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895981	D324	Pencil Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895979	D321	Pencil Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895977	D319	Pencil Dark Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895980	D322	Pencil Green	65 yd.	8.55 oz./sq. yd.	47 in.
895978	D320	Pencil Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895691	7124	Pompadour Red / White / Black	65 yd.	8.55 oz./sq. yd.	47 in.
895935	D339	Rome Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895976	D315	Rome Brown	65 yd.	8.55 oz./sq. yd.	47 in.
895963	D100	Sienne Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895864	8931	Sienne Dark Gray / Light Gray Wide Stripe	65 yd.	8.55 oz./sq. yd.	47 in.
896111	8211	Sienne Red / Linen	65 yd.	8.55 oz./sq. yd.	47 in.
895933	7130	Venezia Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895969	D301	Wide Chiné Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895967	D298	Wide Chiné Grey	65 yd.	8.55 oz./sq. yd.	47 in.
895968	D300	Wide Chiné Yellow	65 yd.	8.55 oz./sq. yd.	47 in.
895766	6272	Windsor Red	65 yd.	8.55 oz./sq. yd.	47 in.
895510	6292	Windsor Yellow / White / Blue / Gray	65 yd.	8.55 oz./sq. yd.	47 in.

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Image courtesy of Victory Awning.

## Dickson® North American Collection Jacquards

The Dickson North American collection includes a unique selection of specialty jacquard fabrics for decorative shade applications.

Suggested uses: retractable awnings, fixed awnings, window awnings, umbrellas, RV awnings.

<b>Fabric</b>	100% Solution Dyed Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
895992	J169	Brush Beige	65 yd.	9.73 oz./sq. yd.	47 in.
895995	J172	Brush Carbon	65 yd.	9.73 oz./sq. yd.	47 in.
895994	J171	Brush Grey	65 yd.	9.73 oz./sq. yd.	47 in.
895993	J170	Brush Hemp	65 yd.	9.73 oz./sq. yd.	47 in.
895998	J179	Constellation Beige	65 yd.	9.73 oz./sq. yd.	47 in.
895999	J180	Constellation Blue	65 yd.	9.73 oz./sq. yd.	47 in.
895996	J177	Constellation Curry	65 yd.	9.73 oz./sq. yd.	47 in.
895997	J178	Constellation Grey	65 yd.	9.73 oz./sq. yd.	47 in.
895991	J062	Pebble Grey	65 yd.	9.73 oz./sq. yd.	47 in.

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## Firesist®

Specifically designed for the commercial awning, canopy and shade markets, FIRESIST delivers a state-of-the-art combination of flame retardant performance and UV resistance.

FIRESIST fabric is woven from high UV and fade resistant solution dyed fiber with a proprietary coating and finish that results in superior weather, stain, mildew and flame resistance.

Extremely strong and tear resistant, FIRESIST is engineered for ease of fabrication, and features a lighter weight. FIRESIST's deep, rich colors deliver long lasting good looks and are color transfer resistant.

Suggested uses: commercial awnings and canopies.

<b>Fabric</b>	Solution Dyed Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701-99, test method II; CPAI-84; Tent walls and roof; FMVSS 302; FAA 25.853 (Aviation); UFAC Upholstered Furniture, Class 1 ULCS-109
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
888510	82010-0000	Admiral Navy	60 yd.	8.75 oz./sq. yd.	60 in.
888508	82008-0000	Black	60 yd.	8.75 oz./sq. yd.	60 in.
888516	82016-0000	Burgundy	60 yd.	8.75 oz./sq. yd.	60 in.
888533	82023-0000	Cedar	60 yd.	8.75 oz./sq. yd.	60 in.
888517	82017-0000	Crimson Red	60 yd.	8.75 oz./sq. yd.	60 in.
888532	82022-0000	Flannel	60 yd.	8.75 oz./sq. yd.	60 in.
888534	82024-0000	Fog	60 yd.	8.75 oz./sq. yd.	60 in.
888503	82003-0000	Forest Green	60 yd.	8.75 oz./sq. yd.	60 in.
888530	82030-0000	Grey	60 yd.	8.75 oz./sq. yd.	60 in.
888515	82015-0000	Ivory	60 yd.	8.75 oz./sq. yd.	60 in.
888500	82000-0000	Regatta	60 yd.	8.75 oz./sq. yd.	60 in.
888506	82006-0000	Sand	60 yd.	8.75 oz./sq. yd.	60 in.
888514	82014-0000	Terra Cotta	60 yd.	8.75 oz./sq. yd.	60 in.
888512	82012-0000	Toasty Beige	60 yd.	8.75 oz./sq. yd.	60 in.

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## Weblon® Coastline Plus®

Coastline Plus awning fabric is a high performance PVC composite. It features a strong polyester base fabric, with manageable weight for excellent dimensional stability. The top surface is treated with the Rain Kleen® finish for color retention and prolonged fabric life. Coastline Plus is UV, water and mildew resistant. It is also heat-sealable for a strong, waterproof and airtight seal, and it accepts a variety of graphics including pressure sensitive graphics.

Suggested uses: awnings, canopies.

<b>Fabric</b>	Vinyl Polyester Composite
<b>Finish</b>	Vinyl Laminated, Kid-Embossed, Rain Kleen®
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
857897	CP-2797	Almond	50 yd.	15 oz./sq. yd.	62 in.
857244	CP-2744	Aquamarine	50 yd.	15 oz./sq. yd.	62 in.
857225	CP-2725	Barque Brown	50 yd.	15 oz./sq. yd.	62 in.
857241	CP-2741	Bay Blue	50 yd.	15 oz./sq. yd.	62 in.
857206	CP-2706	Beacon Yellow	50 yd.	15 oz./sq. yd.	62 in.
857892	CP-2792	Beige	50 yd.	15 oz./sq. yd.	62 in.
857215	CP-2715	Burgundy	50 yd.	15 oz./sq. yd.	62 in.
857218	CP-2718	Charcoal Gray	50 yd.	15 oz./sq. yd.	62 in.
857205	CP-2705	Cork Brown	50 yd.	15 oz./sq. yd.	62 in.
857891	CP-2791	Dark Taupe	50 yd.	15 oz./sq. yd.	62 in.
857226	CP-2726	Deep Red	50 yd.	15 oz./sq. yd.	62 in.
857212	CP-2712	Deepsea Blue	50 yd.	15 oz./sq. yd.	62 in.

Item Number	Style Number	Color	Put Up	Weight	Width
857219	CP-2719	Driftwood Gray	50 yd.	15 oz./sq. yd.	62 in.
857238	CP-2738	Ebbtide Tan	50 yd.	15 oz./sq. yd.	62 in.
857211	CP-2711	Glade Green	50 yd.	15 oz./sq. yd.	62 in.
857217	CP-2717	Gull Gray	50 yd.	15 oz./sq. yd.	62 in.
857201	CP-2701	Harbor Green	50 yd.	15 oz./sq. yd.	62 in.
857204	CP-2704	Island Turquoise	50 yd.	15 oz./sq. yd.	62 in.
857239	CP-2739	Ivory Coast	50 yd.	15 oz./sq. yd.	62 in.
857234	CP-2734	Jade	50 yd.	15 oz./sq. yd.	62 in.
857247	CP-2747	Navy Blue	50 yd.	15 oz./sq. yd.	62 in.
857246	CP-2746	Ocean Blue	50 yd.	15 oz./sq. yd.	62 in.
857223	CP-2723	Panama Purple	50 yd.	15 oz./sq. yd.	62 in.
857245	CP-2745	Pirate Black	50 yd.	15 oz./sq. yd.	62 in.
857207	CP-2707	Portlight Red	50 yd.	15 oz./sq. yd.	62 in.
857209	CP-2709	Rust	50 yd.	15 oz./sq. yd.	62 in.
857290	CP-2790	Sail White	50 yd.	15 oz./sq. yd.	62 in.
857200	CP-2700	Sand	50 yd.	15 oz./sq. yd.	62 in.
857202	CP-2702	Sea Palm	50 yd.	15 oz./sq. yd.	62 in.
857230	CP-2730	Sunrise Saffron	50 yd.	15 oz./sq. yd.	62 in.
857213	CP-2713	Sunset Orange	50 yd.	15 oz./sq. yd.	62 in.
857243	CP-2743	Teal	50 yd.	15 oz./sq. yd.	62 in.
857896	CP-2796	Terra Cotta	50 yd.	15 oz./sq. yd.	62 in.
857242	CP-2742	Tropic Green	50 yd.	15 oz./sq. yd.	62 in.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

## Weblon® Coastline Plus® Duplex

Coastline Plus Duplex are a selection of popular solid color topsides with complementing solid color underside.

Suggested uses: awnings, canopies.

<b>Fabric</b>	Vinyl Polyester Composite
<b>Finish</b>	Vinyl Laminated, Kid-Embossed, Rain Kleen®
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
857250	CP-2750	Cork Brown / Sand	50 yd.	15 oz./sq. yd.	62 in.
857251	CP-2751	Glade Green / White	50 yd.	15 oz./sq. yd.	62 in.
857252	CP-2752	Rust / Ivory	50 yd.	15 oz./sq. yd.	62 in.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

## Weblon® Coastline Plus® Continental Stripes

Coastline Plus fabrics feature a colorful solid top side all decked out with a linen print underside.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

Suggested uses: awnings, canopies.

<b>Fabric</b>	Vinyl Polyester Composite
<b>Finish</b>	Vinyl Laminated, Kid-Embossed, Rain Kleen®
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
857287	CP-2887	Rust / Sand / Dark Brown with Sand	50 yd.	15 oz./sq. yd.	62 in.
857282	CP-2882	Sand / Ivory / Olive with Ivory	50 yd.	15 oz./sq. yd.	62 in.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

## Weblon® Coastline Plus® Traditional Stripes

Coastline Plus Traditional Stripes are classic four-bar stripes, in plenty of rich two-color combinations with solid undersides.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

Suggested uses: awnings, canopies.

<b>Fabric</b>	Vinyl Polyester Composite
<b>Finish</b>	Vinyl Laminated, Kid-Embossed, Rain Kleen®
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
857273	CP-2773	Brite Red and White / White	50 yd.	15 oz./sq. yd.	62 in.
857275	CP-2775	Cork and Sand / Sand	50 yd.	15 oz./sq. yd.	62 in.
857272	CP-2772	Deep Sea Blue and White / White	50 yd.	15 oz./sq. yd.	62 in.
857261	CP-2761	Glade Green and White / White	50 yd.	15 oz./sq. yd.	62 in.
857270	CP-2770	Pirate Black and White / White	50 yd.	15 oz./sq. yd.	62 in.
857274	CP-2774	Turquoise and White / Turquoise	50 yd.	15 oz./sq. yd.	62 in.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.



## Patio 500®

Patio 500 has exceptional resistance to mildew and UV rays making this waterproof fabric the perfect choice for awnings, canopies and commercial installations in sunny, high humidity areas. Made with wick and craze resistant polyester weft-inserted warp knit scrim, Patio 500 has a matte, linen-like finish that combines long-lasting good looks with exceptional dimensional stability and superior strength. It accepts graphics including heat-sealed and inset fabrics, silk screening, hand painting, appliqué and more. Pressure sensitive adhesive vinyl graphics are not recommended. Suggested uses: awnings, canopies.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	California State Fire Marshal F-86501; NFPA 701; ASTM E84, Class A
<b>Warranty</b>	5-Year (excluding pattern 513 Clear)

Item Number	Style Number	Color	Put Up	Weight	Width
858539	539	Bay Blue	50 yd.	17.5 oz./sq. yd.	61 in.
858522	522	Beige	50 yd.	17.5 oz./sq. yd.	61 in.
858508	508	Black	50 yd.	17.5 oz./sq. yd.	61 in.
858529	529	Bright Red	50 yd.	17.5 oz./sq. yd.	61 in.
858516	516	Brown	50 yd.	17.5 oz./sq. yd.	61 in.
858515	515	Buff	50 yd.	17.5 oz./sq. yd.	61 in.
858527	527	Burgundy	50 yd.	17.5 oz./sq. yd.	61 in.
858537	537	Champagne	50 yd.	17.5 oz./sq. yd.	61 in.
858513	513	Clear	50 yd.	17.5 oz./sq. yd.	61 in.
858536	536	Cobalt Blue	50 yd.	17.5 oz./sq. yd.	61 in.
858510	510	Dark Green	50 yd.	17.5 oz./sq. yd.	61 in.
858541	541	Designer White	50 yd.	17.5 oz./sq. yd.	61 in.
858518	518	Dusky Blue	50 yd.	17.5 oz./sq. yd.	61 in.
858524	524	Eggshell	50 yd.	17.5 oz./sq. yd.	61 in.
858562	562	Emerald	50 yd.	17.5 oz./sq. yd.	61 in.

Item Number	Style Number	Color	Put Up	Weight	Width
858525	525	English Brown	50 yd.	17.5 oz./sq. yd.	61 in.
858567	567	Jade	50 yd.	17.5 oz./sq. yd.	61 in.
858514	514	Lime Green	50 yd.	17.5 oz./sq. yd.	61 in.
858538	538	Parchment	50 yd.	17.5 oz./sq. yd.	61 in.
858528	528	Pewter	50 yd.	17.5 oz./sq. yd.	61 in.
858565	565	Reef Blue	50 yd.	17.5 oz./sq. yd.	61 in.
858503	503	Royal Blue	50 yd.	17.5 oz./sq. yd.	61 in.
858545	545	Ruby	50 yd.	17.5 oz./sq. yd.	61 in.
858506	506	Slate Gray	50 yd.	17.5 oz./sq. yd.	61 in.
858543	543	Spruce	50 yd.	17.5 oz./sq. yd.	61 in.
858546	543	Stone Gray	50 yd.	17.5 oz./sq. yd.	61 in.
858570	570	Summer Ivy	50 yd.	17.5 oz./sq. yd.	61 in.
858566	566	Sunflower	50 yd.	17.5 oz./sq. yd.	61 in.
858564	564	Teal	50 yd.	17.5 oz./sq. yd.	61 in.
858526	526	Terra Cotta	50 yd.	17.5 oz./sq. yd.	61 in.
858540	540	Timber	50 yd.	17.5 oz./sq. yd.	61 in.
858523	523	White	50 yd.	17.5 oz./sq. yd.	61 in.

Patio 500® is a registered trademark of Herculite Products Inc.



## Herculite Natura®

The new and improved Herculite Natura Awning Fabric features a softer hand, a tighter weave and a commercially identical face/back surface. The fabric is waterproof, weather-tight and flame resistant. Perfect for commercial awnings and canopies designed to protect people and furnishings from the sun's harsh UV rays while providing a natural fabric design element. Dimensionally stable, Natura is digitally printable and heat and RF sealable.

<b>Fabric</b>	100% Vinyl Composite Supported by a Polyester Substrate
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84
<b>Warranty</b>	8-Year

Item Number	Style Number	Color	Put Up	Weight	Width
807764	NT7739	Antique White	50 yd.	18 oz./sq. yd.	60 in.
807760	NT7709	Barrel Tile	50 yd.	18 oz./sq. yd.	60 in.
807765	NT7745	Black	50 yd.	18 oz./sq. yd.	60 in.
807763	NT7738	Burlywood	50 yd.	18 oz./sq. yd.	60 in.
807768	NT7718	Charcoal Gray	50 yd.	18 oz./sq. yd.	60 in.
807767	NT7788	Digital White	50 yd.	18 oz./sq. yd.	60 in.
807761	NT7711	Evergreen	50 yd.	18 oz./sq. yd.	60 in.
807769	NT7701	Harbor Green	50 yd.	18 oz./sq. yd.	60 in.
807762	NT7712	Midnight Blue	50 yd.	18 oz./sq. yd.	60 in.
807766	NT7747	Navy	50 yd.	18 oz./sq. yd.	60 in.

Herculite Natura® is a registered trademark of Herculite Products

## Weblon® Vanguard®

Built to last, and backed by an eight-year manufacturer's limited warranty. Vanguard is wick-resistant and reinforced with ultra-high strength 1000-denier polyester. 10-mil thick vinyl ply on the weatherside increases the life of any awning installation. Rain Kleen® surface treatments prolongs fabric life and preserves color intensity. Superior water, mildew and ultraviolet resistance. Dimensionally stable and compatible with a variety of graphic applications (including pressure sensitive graphics).

Suggested uses: awnings, canopies.

<b>Fabric</b>	Wick Resistant Vinyl Laminated Polyester
<b>Finish</b>	Vinyl Laminated, Kid-Embossed, Clear Rain Kleen® Top Coat
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
<b>Warranty</b>	8-Year

Item Number	Style Number	Color	Put Up	Weight	Width
857997	2997	Almond	50 yd.	17 oz./sq. yd.	62 in.
857945	2945	Black	50 yd.	17 oz./sq. yd.	62 in.
857915	2915	Burgundy	50 yd.	17 oz./sq. yd.	62 in.
857926	2926	Deep Red	50 yd.	17 oz./sq. yd.	62 in.
857912	2912	Deepsea Blue	50 yd.	17 oz./sq. yd.	62 in.
857988	2988	Designer White	50 yd.	17 oz./sq. yd.	62 in.
857919	2919	Driftwood Gray	50 yd.	17 oz./sq. yd.	62 in.
857911	2911	Glade Green	50 yd.	17 oz./sq. yd.	62 in.
857939	2939	Ivory	50 yd.	17 oz./sq. yd.	62 in.
857946	2946	Ocean Blue	50 yd.	17 oz./sq. yd.	62 in.
857909	2909	Rust	50 yd.	17 oz./sq. yd.	62 in.
857900	2900	Sand	50 yd.	17 oz./sq. yd.	62 in.
857938	2938	Tan	50 yd.	17 oz./sq. yd.	62 in.

Weblon®, Vanguard® and Rain Kleen® are registered trademarks of Herculite Products





Image courtesy of International Tension Structures.

## Serge Ferrari Soltis® Proof 502

Soltis Proof 502 has been a staple in shade for over 25 years. The durable fabric offers dimensional stability, UV resistance, heat and weather protection, and color retention. Soltis Proof 502 offers an attractive satin finish and a PVDF topcoat on both sides for long-term dirt resistance and easy cleaning.

Available with a 10-year warranty on fixed framed awnings and canopies (static applications). Backed by a 5-year warranty for tents, tensile structures, and retractable awnings (non-static applications).

Suggested uses: awnings, canopies, shade sails, light structures, frame awnings, pergolas, entrance canopies.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	PVDF Topcoat On Both Sides
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701 (Test Method 2); ASTM E-84 (Class A)
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
878411	502V2-2157C	Aniseed	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878438	502V2-8450C	Black	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878418	502V2-2171C	Boulder	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878436	502V2-8284C	Burgundy	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878415	502V2-2166C	Buttercup	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878406	502V2-2141C	Camel	43.7 yd.	16.7 oz./sq. yd.	70.9 in.

Item Number	Style Number	Color	Put Up	Weight	Width
878419	502V2-2172C	Carrot	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878429	502V2-50675C	Celadon	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878426	502V2-50672C	Celestial Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878437	502V2-8341C	Champagne	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878407	502V2-2148C	Cocoa	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878416	502V2-2167C	Concrete	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878427	502V2-50673C	Dark Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878425	502V2-50671C	Dijon	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878420	502V2-50265C	Hemp	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878413	502V2-2160C	Lagoon	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878428	502V2-50674C	Lemon	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878400	502V2-1125C	Marine	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878417	502V2-2168C	Metallic Aluminum	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878405	502V2-2138C	Metallic Autumn	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878409	502V2-2152C	Metallic Velvet Red	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878414	502V2-2161C	Midnight Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878412	502V2-2158C	Moss Green	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878422	502V2-50668C	Olive	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878434	502V2-8204C	Orange	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878401	502V2-2012C	Pepper	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878435	502V2-8255C	Poppy	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878424	502V2-50670C	Porcelain Green	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878408	502V2-2150C	Raspberry	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878403	502V2-2135C	Sandy Beige	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878410	502V2-2156C	Spruce	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878430	502V2-50676C	Steel Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878423	502V2-50669C	Teak	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878432	502V2-8056C	Tennis Green	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878402	502V2-20185C	Terracotta	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878421	502V2-50270C	Thistle Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878439	502V2-8861C	Vanilla	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878431	502V2-50677C	Victoria Blue	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878404	502V2-2137C	Walnut Stain	43.7 yd.	16.7 oz./sq. yd.	70.9 in.
878433	502V2-8102C	White	43.7 yd.	16.7 oz./sq. yd.	70.9 in.

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## Saint Clair LAC 650 SL

Saint Clair LAC 650 SL fabrics are made from PVC coated polyester and look great even after long-term use because they are protected by the Lowick System, which blocks moisture penetration and resists UV degradation, mildew, discoloration and soiling.

The fabric also features the Cleangard® finish. This smooth lacquer topcoat offers protection against weathering. LAC 650 SL is easily welded and is REACH compliant.

118-inch version sold in full rolls only.

Suggested uses: tents, awnings and structures where a stronger, heavier fabric is desired.

<b>Fabric</b>	PVC Coated High Tenacity Polyester (1100 dtex)
<b>Finish</b>	Cleangard® / PVC (System Lowick)
<b>FR Standards Met</b>	NFPA 701-10, Method 2; California Title 19; ASTM E84 Class A
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
968426	7646	Aspen Green	65 yd.	20 oz./sq. yd.	58.5 in.
968416	7309	Blueberry	65 yd.	20 oz./sq. yd.	58.5 in.
968422	7462	Bone	65 yd.	20 oz./sq. yd.	58.5 in.
968414	887	Brown	65 yd.	20 oz./sq. yd.	58.5 in.
968428	7652	Butterscotch	65 yd.	20 oz./sq. yd.	58.5 in.
968418	7409	Desert	65 yd.	20 oz./sq. yd.	58.5 in.
968410	567	Emerald	65 yd.	20 oz./sq. yd.	58.5 in.
968415	995	Green	65 yd.	20 oz./sq. yd.	58.5 in.
968425	7656	Henna Brown	65 yd.	20 oz./sq. yd.	58.5 in.
968421	7458	Ivory	65 yd.	20 oz./sq. yd.	58.5 in.
968427	7651	Misty Blue	65 yd.	20 oz./sq. yd.	58.5 in.
968411	654	Misty Grey	65 yd.	20 oz./sq. yd.	58.5 in.
968412	810	Onyx	65 yd.	20 oz./sq. yd.	58.5 in.
968366	810	Onyx	32.8 yd.	20 oz./sq. yd.	118 in.
968413	867	Radiant White	65 yd.	20 oz./sq. yd.	58.5 in.
968365	867	Radiant White	32.8 yd.	20 oz./sq. yd.	118 in.
968417	7379	Steel	65 yd.	20 oz./sq. yd.	58.5 in.
968420	7426	Wine	65 yd.	20 oz./sq. yd.	58.5 in.

Cleangard® is a registered trademark of Glen Raven, Inc.



## Saint Clair Arcade FR

Saint Clair Arcade FR fabrics are made from PVC coated polyester and look great even after long-term use because they are protected by the Lowick System, which blocks moisture penetration and resists UV degradation, mildew, discoloration and soiling.

The fabric also features the Cleangard® finish. This smooth lacquer topcoat offers protection against weathering. Arcade FR is easily welded and is REACH compliant.

118-inch version sold in full rolls only.

Suggested uses: tents, awnings and structures where a lighter fabric is desired.

<b>Fabric</b>	PVC Coated High Tenacity Polyester (550 dtex)				
<b>Finish</b>	Cleangard® / PVC (System Lowick)				
<b>FR Standards Met</b>	NFPA 701-10, Method 2; California Title 19; CAN/ULC-S109				
<b>Warranty</b>	5-Year				

Item Number	Style Number	Color	Put Up	Weight	Width
968447	7450	Arctic Blue	65 yd.	15 oz./sq. yd.	59 in.
968449	7646	Aspen Green	65 yd.	15 oz./sq. yd.	59 in.
968450	7655	Basic Beige	65 yd.	15 oz./sq. yd.	59 in.
968446	941	Blue	65 yd.	15 oz./sq. yd.	59 in.
968442	7462	Bone	65 yd.	15 oz./sq. yd.	59 in.
968435	995	Green	65 yd.	15 oz./sq. yd.	59 in.
968441	7458	Ivory	65 yd.	15 oz./sq. yd.	59 in.
968451	7653	Medium Gray	65 yd.	15 oz./sq. yd.	59 in.
968448	7648	Mineral Blue	65 yd.	15 oz./sq. yd.	59 in.
968431	654	Misty Grey	65 yd.	15 oz./sq. yd.	59 in.
968432	810	Onyx	65 yd.	15 oz./sq. yd.	59 in.
968501	867	Onyx	32.8 yd.	15 oz./sq. yd.	118 in.
968433	867	Radiant White	65 yd.	15 oz./sq. yd.	59 in.
968500	867	Radiant White	32.8 yd.	15 oz./sq. yd.	118 in.
968443	7507	Red	65 yd.	15 oz./sq. yd.	59 in.
968437	7379	Steel	65 yd.	15 oz./sq. yd.	59 in.

“Cleangard® is a registered trademark of Glen Raven, Inc.”

## Weather-Chek®

Weather-Chek is an architectural textile composite that features the textured look of a woven with the performance attributes and benefits of commercial grade engineered thermoplastic. Its unique hybrid construction delivers exceptional tear and tensile strength blended with flexibility and softness. Its manufactured with a special proprietary PVC film formulation that resists scratching and eliminates installation related damage. Weather-Chek is top coated with Herculite's Rain Kleen®, a proprietary top coating system that helps prolong fabric life and preserve color intensity.

Easy to work with and handle, the fabric can be assembled using standard welding processes. Made in the USA.

Suggested uses: awnings, canopies, poolside structures, car shelters, patio covers, walkway coverings, privacy screens, curtains, drapes.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>Finish</b>	Rain Kleen®
<b>FR Standards Met</b>	California State Fire Marshal Title 19; ASTM E84; NFPA 701

Item #	Style #	Color	Put Up	Weight	Width
839869	WC845	Black	50 yd.	18 oz./sq. yd.	62 in.
839864	WC815	Burgundy	50 yd.	18 oz./sq. yd.	62 in.
839866	WC826	Deep Red	50 yd.	18 oz./sq. yd.	62 in.
839863	WC812	Deep Sea Blue	50 yd.	18 oz./sq. yd.	62 in.
839871	WC888	Designer White	50 yd.	18 oz./sq. yd.	62 in.
839865	WC819	Driftwood	50 yd.	18 oz./sq. yd.	62 in.
839862	WC811	Glade Green	50 yd.	18 oz./sq. yd.	62 in.
839868	WC839	Ivory	50 yd.	18 oz./sq. yd.	62 in.
839870	WC846	Ocean Blue	50 yd.	18 oz./sq. yd.	62 in.
839861	WC809	Rust	50 yd.	18 oz./sq. yd.	62 in.
839860	WC800	Sand	50 yd.	18 oz./sq. yd.	62 in.
839867	WC838	Tan	50 yd.	18 oz./sq. yd.	62 in.

Weather-Chek® is a trademark of Herculite Products Inc. Rain Kleen® is a registered trademark of Herculite Products Inc.

## Main Street® +

Main Street + is ideal for awnings and canopies because it won't stretch, leak or fade even after years of exposure. This versatile fabric features a smooth surface for even greater looks and resistance to dirt build-up. It offers superior strength and resistance to water, mildew, ultraviolet rays and abrasion for many applications, indoors and out. Main Street + is easy to fabricate without puckering or fraying. It readily accepts graphics including sewn-in inset fabrics, screen-printing and hand painting.

<b>Fabric</b>	Polyester
<b>Finish</b>	Acrylic Coated Both Sides
<b>FR Standards Met</b>	California State Fire Marshal; NFPA 701, Test Method 2; ASTM E84
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
808281	236MS+	Brown	50 yd.	9 oz./sq. yd.	61 in.
808280	235MS+	Cool Grey	50 yd.	9 oz./sq. yd.	61 in.
808260	210MS+	Cranberry	50 yd.	9 oz./sq. yd.	61 in.
808277	227MS+	Dark Linen	50 yd.	9 oz./sq. yd.	61 in.
808274	224MS+	Navy	50 yd.	9 oz./sq. yd.	61 in.
808282	237MS+	Olive	50 yd.	9 oz./sq. yd.	61 in.
808275	225MS+	Terra Cotta	50 yd.	9 oz./sq. yd.	61 in.
808261	211MS+	Toast	50 yd.	9 oz./sq. yd.	61 in.

Main Street® is a registered trademark of Glen Raven, Inc.



# Starfire®

A tough and long-lasting, yet soft and flexible fabric, Starfire can be used for a variety of applications including awnings, banners and tents. Finished with an acrylic topcoat, Starfire is easy to clean and resists fading, rotting and structural weakening from prolonged exposure to the sun and other damaging elements. This fabric is easy to handle and install. Starfire is often specified where a cloth-like appearance is desired.

Since Starfire is a blended fabric that includes cotton, the fabric may attract dust and dirt, which allows for the growth of mold and mildew. This is a natural outcome, especially in hot, humid, dusty, and wet climates. The fabric includes a top coat. The coated side should be installed facing out or the warranty will be voided. To verify which side is coated, look for the slightly shiny side where water beads off more easily (the shine may be harder to distinguish on the light colors). Starfire's coating is susceptible to crazing when folded. Please see the written limited warranty for what is covered and the technical data sheet for more details.

<b>Fabric</b>	45% Polyester/55% Cotton
<b>Finish</b>	Pigmented and Acrylic Top coated
<b>FR Standards Met</b>	California State Fire Marshal; NFPA 701 Test Method 2; ASTM E84
<b>Warranty</b>	5-Year Limited Warranty

Item Number	Style Number	Color	Put Up	Weight	Width
855722	722	Black	45 yd.	15 oz./sq. yd.	60 in.
855702	702	Bone White	45 yd.	15 oz./sq. yd.	60 in.
855720	720	Brown	45 yd.	15 oz./sq. yd.	60 in.
855708	708	Eggshell	45 yd.	15 oz./sq. yd.	60 in.
855703	703	Forest Green	45 yd.	15 oz./sq. yd.	60 in.
855788	788	Khaki	45 yd.	15 oz./sq. yd.	60 in.
855719	719	Off White	45 yd.	15 oz./sq. yd.	60 in.
855753	753	Pearl Gray	45 yd.	15 oz./sq. yd.	60 in.
855712	712	Royal Blue	45 yd.	15 oz./sq. yd.	60 in.
855749	749	Tan	45 yd.	15 oz./sq. yd.	60 in.
855713	713	Tangerine	45 yd.	15 oz./sq. yd.	60 in.
855704	704	Teal Blue	45 yd.	15 oz./sq. yd.	60 in.
855714	714	Terra Cotta	45 yd.	15 oz./sq. yd.	60 in.
855717	717	White	45 yd.	15 oz./sq. yd.	60 in.

Starfire® is a registered trademark of Glen Raven, Inc.



# Cooley-Brite®

Engineered for high color brilliance and translucency in back-lit signs or awnings. Cooley-Brite provides the fastest, most economical method of sign and awning decoration. Accommodates numerous other graphics applications, including pressure-sensitive vinyls, heat transfer, screen printing and spray painting. Highly durable and easily cleaned.

Some items sold in full rolls only. Some items are drop ship only.

<b>Fabric</b>	Extrusion Coated PVC
<b>Finish</b>	Eradicable Ink Top Surface
<b>FR Standards Met</b>	ASTM E84 (Class A); California State Fire Marshal; NFPA 701; UL Listed
<b>Warranty</b>	8-Year

Item Number	Style Number	Color	Put Up	Weight	Width
853006	2025	Black	25 yd.	20 oz./sq. yd.	78 in.
853023	0132	Bright Red	25 yd.	20 oz./sq. yd.	78 in.
853005	2020	Burgundy	25 yd.	20 oz./sq. yd.	78 in.
853009	2114	Dark Blue	25 yd.	20 oz./sq. yd.	78 in.
853012	2283A	Dark Red	25 yd.	20 oz./sq. yd.	78 in.
853018	4048	Forest Green	25 yd.	20 oz./sq. yd.	78 in.
853008	2108A	Green	25 yd.	20 oz./sq. yd.	78 in.
853013	2648	Light Blue	25 yd.	20 oz./sq. yd.	78 in.
853019	0355A	Light Green	25 yd.	20 oz./sq. yd.	78 in.
853014	2662A	Light Red	25 yd.	20 oz./sq. yd.	78 in.
853015	0301	Mid-Blue	25 yd.	20 oz./sq. yd.	78 in.
853010	2119A	Orange	25 yd.	20 oz./sq. yd.	78 in.
853017	0219A	Pink	25 yd.	20 oz./sq. yd.	78 in.
853021	0248	Plum	25 yd.	20 oz./sq. yd.	78 in.
853024	5025	Reflex Blue	25 yd.	20 oz./sq. yd.	78 in.
853022	0123A	Sunflower	25 yd.	20 oz./sq. yd.	78 in.
853016	5019	Teal	25 yd.	20 oz./sq. yd.	78 in.
853004	80-0020	White	25 yd.	20 oz./sq. yd.	78 in.
853007	2037A	Yellow	25 yd.	20 oz./sq. yd.	78 in.

Cooley-Brite® is a registered trademark of Cooley, Inc.



## Cooley-Brite® II with Coolthane® EPS

All of the high color brilliance and unique graphics capabilities of Cooley-Brite are also available with a clear Coolthane® Enhanced Protection System top coating for extended life and easy cleaning. It's highly resistant to mildew and UV rays.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Extrusion Coated PVC
<b>Finish</b>	Coolthane® EPS with Eradicable Ink Top Surface
<b>FR Standards Met</b>	ASTM E84 (Class A); California State Fire Marshal; NFPA 701; UL Listed
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
853106	C2025	Black	25 yd.	20 oz./sq. yd.	78 in.
853105	C2020	Burgundy	25 yd.	20 oz./sq. yd.	78 in.
853109	C2114	Dark Blue	25 yd.	20 oz./sq. yd.	78 in.
853112	C2283A	Dark Red	25 yd.	20 oz./sq. yd.	78 in.
853118	C4048	Forest Green	25 yd.	20 oz./sq. yd.	78 in.
853113	C2648	Light Blue	25 yd.	20 oz./sq. yd.	78 in.
853119	C0355A	Light Green	25 yd.	20 oz./sq. yd.	78 in.
853114	C2662A	Light Red	25 yd.	20 oz./sq. yd.	78 in.
853115	C0301	Mid-Blue	25 yd.	20 oz./sq. yd.	78 in.
853110	C2119A	Orange	25 yd.	20 oz./sq. yd.	78 in.
853116	C5019	Teal	25 yd.	20 oz./sq. yd.	78 in.
853107	C2037A	Yellow	25 yd.	20 oz./sq. yd.	78 in.

Cooley-Brite® and Coolthane® are registered trademarks of Cooley, Inc.



## Cooley-Brite® Lite

Flexible, yet durable, Cooley-Brite Lite is a lightweight, vinyl coated polyester fabric that features excellent translucency in any back-lit sign or awning application. This line of white and eradicable colored substrates is easy to handle and simple to install. Cooley-Brite Lite suits a wide range of graphic applications, including screen printing, pressure-sensitive graphics, and spray painting with acrylic-based paint. Its advanced scrim design enhances graphic effects to provide superior quality and luminescent colors. A more resilient ink surface helps prevent fabric bruising.

Some items sold in full rolls only. Some items are drop ship only.

<b>Fabric</b>	Extrusion Coated PVC
<b>Finish</b>	Eradicable Ink Top Surface
<b>FR Standards Met</b>	ASTM E84 (Class A); California State Fire Marshal; NFPA 701; UL Listed
<b>Warranty</b>	8-Year

Item Number	Style Number	Color	Put Up	Weight	Width
853310	CBL10	Black	25 yd.	16 oz./sq. yd.	78 in.
853302	CBL2	Bright Red	25 yd.	16 oz./sq. yd.	78 in.
853322	CBL22	Burgundy	25 yd.	16 oz./sq. yd.	78 in.
853301	CBL1	Cherry Red	25 yd.	16 oz./sq. yd.	78 in.
853307	CBL7	Emerald Green	25 yd.	16 oz./sq. yd.	78 in.
853324	CBL21	Holly Green	25 yd.	16 oz./sq. yd.	78 in.
853316	CBL16	Intense Blue	25 yd.	16 oz./sq. yd.	78 in.
853304	CBL4	Lemon Yellow	25 yd.	16 oz./sq. yd.	78 in.
853305	CBL5	Navy Blue	25 yd.	16 oz./sq. yd.	78 in.
853315	CBL15	Petro Green	25 yd.	16 oz./sq. yd.	78 in.
853311	CBL11	Plum	25 yd.	16 oz./sq. yd.	78 in.
853319	CBL19	Raspberry	25 yd.	16 oz./sq. yd.	78 in.
853306	CBL6	Royal Blue	25 yd.	16 oz./sq. yd.	78 in.
853318	CBL18	Ruby Red	25 yd.	16 oz./sq. yd.	78 in.
853323	CBL20	Sunflower Yellow	25 yd.	16 oz./sq. yd.	78 in.
853317	CBL17	Tangerine	25 yd.	16 oz./sq. yd.	78 in.
853313	CBL13	Teal	25 yd.	16 oz./sq. yd.	78 in.
853300	CBL0606	White	25 yd.	16 oz./sq. yd.	78 in.

Cooley-Brite® is a registered trademark of Cooley, Inc.



214339

## Eradicating Fluid

This eradicating solution works instantly to remove colored ink from back-lit fabrics like Eradi-Lite®. The process creates brilliant white graphics on a solid color background. To facilitate design, computer-generated graphics can be used.

The solution's gentle formula will not harm the substrate or underlying scrim. It is easy to apply, easy to work with, and cleanup is simple. The graphics stay bold because the fluid resists fading and yellowing. It pairs with many decorating techniques, giving you unlimited design possibilities.

Item #	Style #	Put Up
214339	7299	1 gal.

Eradi-Lite® is a trademark of Glen Raven, Inc.



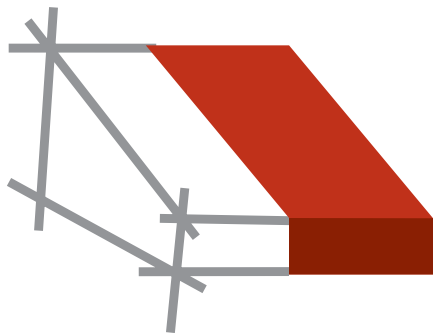
# PrintCraft™

Discover PrintCraft, an all-new print system technology that delivers unlimited shade fabric customization, backed by a 5-year limited warranty from Glen Raven. With as little as five yards, fabricators can provide full fabric customization on multiple width options through a single source. Whether creating an elaborate work of art or something more simplistic, this new technology can bring commercial shade visions to life. To learn more about this amazing new service, contact your Customer Care Team or download the order form online at [Trivantage.com/printcraft](http://Trivantage.com/printcraft) today. Exclusively distributed by Trivantage®.

## UNLIMITED SHADE FABRIC CUSTOMIZATION

- Custom, photo-quality designs
- Available in 59" and 77" widths
- Tested and proven fire resistance after printing, meeting NFPA 701:2019 (TM 1 and TM 2), and California Title 19 standards
- UV & Fade Resistant
- Mold & Mildew Resistant
- Easy-to-Clean
- 3-week Lead Time
- Single Source Availability
- Low 5-Yard Minimum Order Quantity
- Fabrication with Traditional Techniques
- Backed by 5-Year Limited Warranty by Glen Raven





# AWNING COMPOSER®

## A simple way to bring your vision to life

Instead of describing your customer's awning, **show them**. Take a picture of your customer's home or storefront then choose from over 40 dynamic objects, including corners. Once you've built your scene, add visual options to your awning; select fabric, a valance, text or graphics.

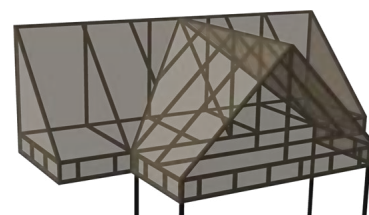
Let your customer see how an awning will impact their home or workplace by using our real-time shade simulation. Use their building location, time of year and direction to pin point exactly where their shade will be cast.

Awning Composer version 5 is built from the ground up, incorporating ideas and feedback from hundreds of fabrications. **To learn more about what Awning Composer can do for you and to try the full version of the software for 15 days, visit [awningcomposer.com](http://awningcomposer.com)**

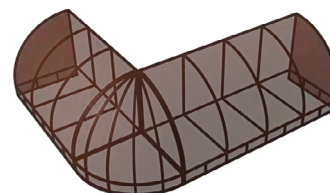
## Additional Features

- Customize the shade structure or awning with different fabric patterns, valance styles, graphics and text.
- Scale backdrops using a known measurement from the building such as the height of a door.
- Dynamically generate entire 3D models, including both fabric and frame components.
- Take standard awning styles and make adjustments to the frame quickly.
- Create cutlists that can be color coded and numbered to match the frame.
- Quickly generate estimates for materials needed, materials cost, labor needed, and labor costs.
- Create custom multi-page printouts. Create layouts for sales visuals, production, estimation, and quoting.

### Dynamic Objects



Start with standard combination style awnings and quickly customize spacing and add poles.



Easily create inside and outside corner awnings by adding awning segments together.



Set your preferences for master bars by using a drop down box to select master bar by location.



Add trussing by using a drop down box to select the type of truss needed.

## Before & After



## Estimation Add-on (Sold Separately)

Awning Composer's Estimation add-on brings new functionality to Awning Composer by adding the ability to estimate the amount of materials, labor time, cost of production, and retail price. Working directly with your live rendering, estimation results are updated continuously as you build and customize awnings in the 3D view.

Estimation Features:

- Extensive estimation support for 20+ dynamic awning styles plus associated corners
- An instant default quote layout
- Ability to quote more than one dynamic object in the same scene
- New printing features including the ability to build multi-page layouts

### QUOTE

Quote date: 7/30/2018  
Quote number: 2017-11-109  
Expiration date:

More Shade, LLC 112 North Park Ave. Burlington, NC 27217 Phone: 888-555-1212 Fax: 800-555-1212 Email: info@moreshade.com	Customer name: Joe Smith Street address 1: 1234 Main Street Street address 2: City, State, Zip: Burlington, NC 27217 Phone: 336-555-1212 Cell: Fax: Email:
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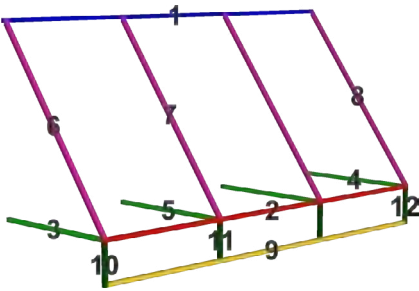
Salesperson	Job Description	Payment Terms	Due Date
Bob Jones	Main St. Awning	50% deposit, balance on installation	7/15/2016

Qty	Style	Description	Price
1	Open Traditional	Open Traditional awning with frame and fabric Dimensions: 9'(W) x 4'(H) x 3'(D), Sign band height: 10" Options: vertical top fabric, sign band joined with top fabric	\$826.84

Total price	\$826.84
Total installed price	\$826.84

Shade Sails and Awnings  
Since 1981

## Cut List



#	Name	Qty	Length	M1	M2
<b>Open Traditional</b>					
1	Top bar	1	9'		
2	Front bar	1	9'		
3	Left end out bar	1	2' 11"		
4	Right end out bar	1	2' 11"		
5	Intermediate out bar	2	2' 11"		
6	Left end rafter	1	4' 10 1/4"	53.4°	36.6°
7	Intermediate rafter	2	4' 10 1/4"	53.4°	36.6°
8	Right end rafter	1	4' 10 1/4"	53.4°	36.6°
9	SB front bar	1	8' 10"		
10	SB front left support	1	10"		
11	SB front support	2	9"		
12	SB front right support	1	10"		
<b>TOTAL</b>		<b>15</b>	<b>61' 2 1/2"</b>		
<b>LENGTHS</b>		<b>3</b>			

Check out our new "Bill of Materials" tab, which lists all materials needed for any given project. Use preloaded products and accessories or add your own. Save time as a Trivantage customer by clicking the "Add to Cart" button. This will instantly add any Trivantage products to your Trivantage.com shopping cart.

Frame	Fabric	Labor	Cost	Quote	BOM
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Traditional Qty: 1  Details

Bill of materials:

Description	Qty	Units	Item #
Extrusion/tubing (frame)	8	lengths	
Solid rod (lacing bar)	2	lengths	
Grommets	64	each	
Sunbrella 60" Hemlock Tweed [6005]	13.75	yards	721753
Braid #4015 Natural [503016]	12.75	yards	503016
DOT Self-Piercing Rolled Rim Grommet with Spur Washer #2 Brass 7/16"	64	each	233741
Z Bracket Zinc Plated 1" Small	20	each	107604
Gore Tenara TR Thread #M1000KTR-LS Size 92 Clear 8 oz.	1	each	553090
Awning Molding #555 Aluminum 90 Degree 20'	20	feet	251068
Low-Density Polyethylene Tubing - 1/4" OD x 1/8" ID x 1000'	20	feet	578095





## Sunbrella® Fusion Collection

Experience the Sunbrella® Fusion Collection, your smart solution for fashionable fabrics with exceptional performance. Available exclusively through Trivantage®, the Sunbrella Fusion Collection is a mix of beauty and durability. The stylish upholstery fabrics come in a wide range of color and pattern options, giving your customers the ability to pick from both timeless and modern styles and curate their own, personal aesthetic.

But these fabrics are way more than simply stylish. They provide comfort and strength as well. Made for outdoor or indoor furniture, Sunbrella Fusion is great for patio furniture, sofas, pillows cushions, slip covers, curtains, drapes, and more. These durable fabrics are made of 100% Sunbrella Acrylic, which means they stand strong against water, staining, mildew, and color loss. Built for continued use, they resist pilling and tearing, and many varieties are well suited for high-traffic areas.

All Sunbrella upholstery fabrics are sold by the yard and are backed by a 5-year warranty. To learn more about the latest fabrics available in the Fusion Collection, contact call your sales rep at **800.786.1876** or visit us online at [Trivantage.com/fusion](https://www.trivantage.com/fusion).





## Sunbrella® Twist Cord-Edge

This twisted cord edge is made with durable Sunbrella yarns. It includes a color-matched sewing tab. Colors and blends are selected to pair with the Sunbrella Fusion Collection and other Sunbrella upholstery collections.

3-yard minimum for cut yardage.

Suggested uses: welting on marine and patio cushions, decorative umbrella trimming.

## Sunbrella® Brush Fringe

Brush fringe is constructed from Sunbrella acrylic yarns. Can be used for throw pillows, decorative umbrella trimming or marine applications. Colors and blends are specifically selected to complement our Fusion Collection as well as other Sunbrella upholstery collections.

3 yard minimum for cut yardage.

Item Number	Style Number	Color	Put Up	Width
504503	07300-5462	Hot Pink	25 yd.	2 in.
504513	08351-2	Indigo	25 yd.	2 in.
504517	08362-2	Meadow	25 yd.	2 in.
504501	07300-4608	Onyx	25 yd.	2 in.
504514	08352-2	Opal	25 yd.	2 in.
504508	08345-2	Putty	25 yd.	2 in.
504506	08293-2	Rain Forest	25 yd.	2 in.
504500	07300-4604	Salt	25 yd.	2 in.
504509	08346-2	Smoke	25 yd.	2 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

Item Number	Style Number	Color	Put Up	Width
504706	07313-4633	Almond	25 yd.	3/8 in.
504720	07313-5416	Aruba	25 yd.	3/8 in.
504703	07313-4621	Chocolate	25 yd.	3/8 in.
504715	07313-4676	Cocoa	25 yd.	3/8 in.
504721	07313-5418	Deep Sea	25 yd.	3/8 in.
504705	07313-4630	Dove	25 yd.	3/8 in.
504732	08347-CE	Dune	25 yd.	3/8 in.
504733	08348-CE	Flame	25 yd.	3/8 in.
504708	07313-4644	Graphite	25 yd.	3/8 in.
504728	07532-CE	Nautical	25 yd.	3/8 in.
504704	07313-4626	Navy	25 yd.	3/8 in.
504702	07313-4608	Onyx	25 yd.	3/8 in.
504730	08345	Putty	25 yd.	3/8 in.
504701	07313-4604	Salt	25 yd.	3/8 in.
504731	08346	Smoke	25 yd.	3/8 in.
504712	07313-4673	Spa	25 yd.	3/8 in.
504709	07313-4648	Stone	25 yd.	3/8 in.
504726	07313-5488	Teak	25 yd.	3/8 in.
504727	07313-5498	Vellum	25 yd.	3/8 in.
504711	07313-4672	Wren	25 yd.	3/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Sunbrella® Upholstery Fabrics

All Sunbrella Upholstery Fabrics merge style, comfort, strength, and reliability. The extensive selection of colors, patterns, and textures offered through our numerous design collections help your customers find the look they want. Plus, all Sunbrella fabrics harmonize with each other, allowing customers to mix and match and create their own distinct atmosphere. Sunbrella fabrics provide comfortable solutions for indoor and outdoor living, letting people sit back, relax, and enjoy the day as they like. Durable, long-lasting, and protected by a 5-year warranty, these fabrics are built to endure life's tough moments.

Suggested uses: indoor and outdoor furniture, decorative pillows, cushions, curtains, and drapes.

<b>Fabric</b>	Sunbrella® Acrylic, Sunbrella® Polyester, Sunbrella® Non-Phthalate PVC
<b>Finish</b>	Non-PFOA Water Repellent and Stain Resistant
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
743656	45936-0000	Accord II Crimson	40-60 yd.	12.8 oz./sq. yd.	54 in.
735381	44285-0001	Action Ash	40-60 yd.	9.8 oz./sq. yd.	54 in.
735380	44285-0000	Action Linen	40-60 yd.	9.8 oz./sq. yd.	54 in.
735382	44285-0002	Action Stone	40-60 yd.	9.8 oz./sq. yd.	54 in.
735744	69010-0004	Adaptation Indigo	40-60 yd.	17.3 oz./sq. yd.	54 in.
735742	69010-0002	Adaptation Stone	40-60 yd.	17.3 oz./sq. yd.	54 in.
743903	145654-0003	Array Caribbean	40-60 yd.	13.3 oz./sq. yd.	54 in.
743901	145654-0001	Array Dune	40-60 yd.	13.3 oz./sq. yd.	54 in.
743666	56096-0000	Astoria Lagoon	40-60 yd.	8.3 oz./sq. yd.	54 in.
743665	56095-0000	Astoria Sunset	40-60 yd.	8.3 oz./sq. yd.	54 in.
738521	8521-0000	Berenson Tuxedo	40-60 yd.	9.1 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
735752	16001-0008	Blend Coal	40-60 yd.	11.3 oz./sq. yd.	54 in.
735745	16001-0001	Blend Indigo	40-60 yd.	11.3 oz./sq. yd.	54 in.
735758	16001-0014	Blend Linen	40-60 yd.	11.3 oz./sq. yd.	54 in.
735753	16001-0009	Blend Mist	40-60 yd.	11.3 oz./sq. yd.	54 in.
735755	16001-0011	Blend Nomad	40-60 yd.	11.3 oz./sq. yd.	54 in.
735756	16001-0012	Blend Sand	40-60 yd.	11.3 oz./sq. yd.	54 in.
739761	48135-0017	Bliss Aloe	40-60 yd.	6.5 oz./sq. yd.	54 in.
746137	48135-0008	Bliss Aspen	40-60 yd.	6.5 oz./sq. yd.	54 in.
746186	48135-0013	Bliss Bark	40-60 yd.	6.5 oz./sq. yd.	54 in.
739760	48135-0016	Bliss Breeze	40-60 yd.	6.5 oz./sq. yd.	54 in.
746134	48135-0005	Bliss Clay	40-60 yd.	6.5 oz./sq. yd.	54 in.
746187	48135-0014	Bliss Dew	40-60 yd.	6.5 oz./sq. yd.	54 in.
746135	48135-0006	Bliss Guava	40-60 yd.	6.5 oz./sq. yd.	54 in.
746138	48135-0009	Bliss Ink	40-60 yd.	6.5 oz./sq. yd.	54 in.
746136	48135-0007	Bliss Lemon	40-60 yd.	6.5 oz./sq. yd.	54 in.
746130	48135-0001	Bliss Linen	40-60 yd.	6.5 oz./sq. yd.	54 in.
746133	48135-0004	Bliss Onyx	40-60 yd.	6.5 oz./sq. yd.	54 in.
746139	48135-0010	Bliss Pebble	40-60 yd.	6.5 oz./sq. yd.	54 in.
746131	48135-0002	Bliss Sand	40-60 yd.	6.5 oz./sq. yd.	54 in.
746132	48135-0003	Bliss Smoke	40-60 yd.	6.5 oz./sq. yd.	54 in.
729219	45542-0000	Blox Slate	40-60 yd.	12 oz./sq. yd.	54 in.
735712	5612-0000	Brannon Redwood	40-60 yd.	8.3 oz./sq. yd.	54 in.
735610	5621-0000	Brannon Whisper	40-60 yd.	8.3 oz./sq. yd.	54 in.
735602	5602-0000	Bravada Limelite	40-60 yd.	8.3 oz./sq. yd.	54 in.
735701	5601-0000	Bravada Salsa	40-60 yd.	8.3 oz./sq. yd.	54 in.
743723	58030-0000	Cabana Classic	40-60 yd.	8.3 oz./sq. yd.	54 in.
743722	58029-0000	Cabana Regatta	40-60 yd.	8.3 oz./sq. yd.	54 in.
746114	145854-0001	Calm Graphite	40-60 yd.	11.3 oz./sq. yd.	54 in.
746115	145854-0002	Calm Laurel	40-60 yd.	11.3 oz./sq. yd.	54 in.
746101	14066-0000	Canvas Abyss	40-60 yd.	8 oz./sq. yd.	54 in.
735410	5410-0000	Canvas Air Blue	40-60 yd.	8 oz./sq. yd.	54 in.
735422	5422-0000	Canvas Antique Beige	40-60 yd.	8 oz./sq. yd.	54 in.
735416	5416-0000	Canvas Aruba	40-60 yd.	8 oz./sq. yd.	54 in.
735232	5432-0000	Canvas Bay Brown	40-60 yd.	8 oz./sq. yd.	54 in.
735472	5472-0000	Canvas Birds Eye	40-60 yd.	8 oz./sq. yd.	54 in.
735408	5408-0000	Canvas Black	40-60 yd.	8 oz./sq. yd.	54 in.
735409	5409-0000	Canvas Brick	40-60 yd.	8 oz./sq. yd.	54 in.
735436	5436-0000	Canvas Burgundy	40-60 yd.	8 oz./sq. yd.	54 in.



Item Number	Style Number	Color	Put Up	Weight	Width
735438	5438-0000	Canvas Buttercup	40-60 yd.	8 oz./sq. yd.	54 in.
735468	5468-0000	Canvas Camel	40-60 yd.	8 oz./sq. yd.	54 in.
735453	5453-0000	Canvas Canvas	40-60 yd.	8 oz./sq. yd.	54 in.
735226	5426-0000	Canvas Capri	40-60 yd.	8 oz./sq. yd.	54 in.
735948	54048-0000	Canvas Charcoal	40-60 yd.	8 oz./sq. yd.	54 in.
746193	57012-0000	Canvas Cloud	40-60 yd.	8 oz./sq. yd.	54 in.
735489	5489-0000	Canvas Coal	40-60 yd.	8 oz./sq. yd.	54 in.
735325	5425-0000	Canvas Cocoa	40-60 yd.	8 oz./sq. yd.	54 in.
735737	56105-0000	Canvas Cyan	40-60 yd.	8 oz./sq. yd.	54 in.
746196	57015-0000	Canvas Fawn	40-60 yd.	8 oz./sq. yd.	54 in.
735487	5487-0000	Canvas Fern	40-60 yd.	8 oz./sq. yd.	54 in.
735492	5492-0000	Canvas Flax	40-60 yd.	8 oz./sq. yd.	54 in.
739763	14090-0000	Canvas Flint	40-60 yd.	8 oz./sq. yd.	54 in.
735446	5446-0000	Canvas Forest Green	40-60 yd.	8 oz./sq. yd.	54 in.
735911	54011-0000	Canvas Ginkgo	40-60 yd.	8 oz./sq. yd.	54 in.
735228	5428-0000	Canvas Glacier	40-60 yd.	8 oz./sq. yd.	54 in.
735402	5402-0000	Canvas Granite	40-60 yd.	8 oz./sq. yd.	54 in.
746100	14059-0054	Canvas Haze	40-60 yd.	8 oz./sq. yd.	54 in.
735476	5476-0000	Canvas Heather Beige	40-60 yd.	8 oz./sq. yd.	54 in.
735407	5407-0000	Canvas Henna	40-60 yd.	8 oz./sq. yd.	54 in.
735562	5462-0000	Canvas Hot Pink	40-60 yd.	8 oz./sq. yd.	54 in.
746195	57014-0000	Canvas Java	40-60 yd.	8 oz./sq. yd.	54 in.
735403	5403-0000	Canvas Jockey Red	40-60 yd.	8 oz./sq. yd.	54 in.
735477	5477-0000	Canvas Logo Red	40-60 yd.	8 oz./sq. yd.	54 in.
735229	5429-0000	Canvas Macaw	40-60 yd.	8 oz./sq. yd.	54 in.
735415	5415-0000	Canvas Melon	40-60 yd.	8 oz./sq. yd.	54 in.
735320	5420-0000	Canvas Mineral Blue	40-60 yd.	8 oz./sq. yd.	54 in.
746102	14067-0000	Canvas Mushroom	40-60 yd.	8 oz./sq. yd.	54 in.
735404	5404-0000	Canvas Natural	40-60 yd.	8 oz./sq. yd.	54 in.
735439	5439-0000	Canvas Navy	40-60 yd.	8 oz./sq. yd.	54 in.
735401	5401-0000	Canvas Pacific Blue	40-60 yd.	8 oz./sq. yd.	54 in.
746194	57013-0000	Canvas Persimmon	40-60 yd.	8 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
735471	5471-0000	Canvas Raven Black	40-60 yd.	8 oz./sq. yd.	54 in.
743715	5493-0000	Canvas Regatta	40-60 yd.	8 oz./sq. yd.	54 in.
735910	54010-0000	Canvas Rust	40-60 yd.	8 oz./sq. yd.	54 in.
735452	5452-0000	Canvas Sapphire Blue	40-60 yd.	8 oz./sq. yd.	54 in.
735424	5424-0000	Canvas Sky Blue	40-60 yd.	8 oz./sq. yd.	54 in.
739764	14091-0000	Canvas Skyline	40-60 yd.	8 oz./sq. yd.	54 in.
735413	5413-0000	Canvas Spa	40-60 yd.	8 oz./sq. yd.	54 in.
735457	5457-0000	Canvas Sunflower Yellow	40-60 yd.	8 oz./sq. yd.	54 in.
739768	14086-0000	Canvas Tamale	40-60 yd.	8 oz./sq. yd.	54 in.
735406	5406-0000	Canvas Tangerine	40-60 yd.	8 oz./sq. yd.	54 in.
735461	5461-0000	Canvas Taupe	40-60 yd.	8 oz./sq. yd.	54 in.
735488	5488-0000	Canvas Teak	40-60 yd.	8 oz./sq. yd.	54 in.
735456	5456-0000	Canvas Teal	40-60 yd.	8 oz./sq. yd.	54 in.
735240	5440-0000	Canvas Terracotta	40-60 yd.	8 oz./sq. yd.	54 in.
735499	5499-0000	Canvas True Blue	40-60 yd.	8 oz./sq. yd.	54 in.
735417	5417-0000	Canvas Tuscan	40-60 yd.	8 oz./sq. yd.	54 in.
739762	14089-0000	Canvas Twilight	40-60 yd.	8 oz./sq. yd.	54 in.
735498	5498-0000	Canvas Vellum	40-60 yd.	8 oz./sq. yd.	54 in.
735514	5414-0000	Canvas Wheat	40-60 yd.	8 oz./sq. yd.	54 in.
743673	57003-0000	Canvas White	40-60 yd.	8 oz./sq. yd.	54 in.
743684	7774-0000	Carousel Confetti	40-60 yd.	13.5 oz./sq. yd.	54 in.
743700	40428-0000	Cast Ash	40-60 yd.	6.5 oz./sq. yd.	54 in.
735762	48094-0000	Cast Breeze	40-60 yd.	6.5 oz./sq. yd.	54 in.
743802	40483-0001	Cast Charcoal	40-60 yd.	6.5 oz./sq. yd.	54 in.
743804	48108-0000	Cast Coral	40-60 yd.	6.5 oz./sq. yd.	54 in.
746191	48140-0000	Cast Harbor	40-60 yd.	6.5 oz./sq. yd.	54 in.
735759	48091-0000	Cast Horizon	40-60 yd.	6.5 oz./sq. yd.	54 in.
746192	48141-0000	Cast Ivy	40-60 yd.	6.5 oz./sq. yd.	54 in.
735379	40456-0000	Cast Lagoon	40-60 yd.	6.5 oz./sq. yd.	54 in.
743701	40429-0000	Cast Mist	40-60 yd.	7.1 oz./sq. yd.	54 in.
743702	40430-0000	Cast Oasis	40-60 yd.	6.5 oz./sq. yd.	54 in.
743803	48103-0000	Cast Ocean	40-60 yd.	6.5 oz./sq. yd.	54 in.
746190	48139-0000	Cast Pomegranate	40-60 yd.	6.5 oz./sq. yd.	54 in.
743809	48114-0000	Cast Pumice	40-60 yd.	6.5 oz./sq. yd.	54 in.

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Item Number	Style Number	Color	Put Up	Weight	Width
735760	48092-0000	Cast Sage	40-60 yd.	6.5 oz./sq. yd.	54 in.
743704	40432-0000	Cast Shale	40-60 yd.	6.5 oz./sq. yd.	54 in.
743705	40433-0000	Cast Silver	40-60 yd.	6.5 oz./sq. yd.	54 in.
743706	40434-0000	Cast Slate	40-60 yd.	6.5 oz./sq. yd.	54 in.
735761	48093-0000	Cast Teak	40-60 yd.	6.5 oz./sq. yd.	54 in.
746141	56109-0002	Centered Ink	40-60 yd.	7.8 oz./sq. yd.	54 in.
746140	56109-0001	Centered Onyx	40-60 yd.	7.8 oz./sq. yd.	54 in.
739776	146205-0003	Clock Out Cloud	40-60 yd.	10.9 oz./sq. yd.	54 in.
739774	146205-0001	Clock Out Frond	40-60 yd.	10.9 oz./sq. yd.	54 in.
739775	146205-0002	Clock Out Indigo	40-60 yd.	10.9 oz./sq. yd.	54 in.
746117	16008-0002	Comfort Clay	40-60 yd.	9 oz./sq. yd.	54 in.
746116	16008-0001	Comfort Pebble	40-60 yd.	9 oz./sq. yd.	54 in.
746188	48138-0001	Context Indigo	40-60 yd.	6.5 oz./sq. yd.	54 in.
746189	48138-0002	Context Linen	40-60 yd.	6.5 oz./sq. yd.	54 in.
743729	58036-0000	Cove Pebble	40-60 yd.	8.3 oz./sq. yd.	54 in.
746107	145844-0003	Create Guava	40-60 yd.	10.9 oz./sq. yd.	54 in.
746106	145844-0002	Create Haze	40-60 yd.	10.9 oz./sq. yd.	54 in.
746108	145844-0004	Create Laurel	40-60 yd.	10.9 oz./sq. yd.	54 in.
746105	145844-0001	Create Smoke	40-60 yd.	10.9 oz./sq. yd.	54 in.
735777	56107-0000	Cultivate Stone	40-60 yd.	8.5 oz./sq. yd.	54 in.
746177	146003-0004	Detail Classic	40-60 yd.	11.1 oz./sq. yd.	54 in.
746175	146003-0002	Detail Denim	40-60 yd.	11.1 oz./sq. yd.	54 in.
746174	146003-0001	Detail Linen	40-60 yd.	11.1 oz./sq. yd.	54 in.
746178	146003-0005	Detail Navy	40-60 yd.	11.1 oz./sq. yd.	54 in.
746176	146003-0003	Detail Persimmon	40-60 yd.	11.1 oz./sq. yd.	54 in.
746182	40599-0002	Direction Dew	40-60 yd.	6.7 oz./sq. yd.	54 in.
746181	40599-0001	Direction Linen	40-60 yd.	6.7 oz./sq. yd.	54 in.
746000	56000-0000	Dolce Mango	40-60 yd.	8.3 oz./sq. yd.	54 in.
746001	56001-0000	Dolce Oasis	40-60 yd.	8.3 oz./sq. yd.	54 in.
746059	56059-0000	Dorsett Cherry	40-60 yd.	8.3 oz./sq. yd.	54 in.
738667	8067-0000	Dupione Celeste	40-60 yd.	10.1 oz./sq. yd.	54 in.
738619	8019-0000	Dupione Deep Sea	40-60 yd.	10.1 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
738653	8053-0000	Dupione Papaya	40-60 yd.	10.1 oz./sq. yd.	54 in.
738611	8011-0000	Dupione Sand	40-60 yd.	10.1 oz./sq. yd.	54 in.
743717	57005-0000	Echo Ash	40-60 yd.	10.1 oz./sq. yd.	54 in.
743718	57007-0000	Echo Dune	40-60 yd.	10.1 oz./sq. yd.	54 in.
743686	8076-0000	Echo Midnight	40-60 yd.	10.1 oz./sq. yd.	54 in.
743690	8080-0000	Echo Sangria	40-60 yd.	10.1 oz./sq. yd.	54 in.
729289	45746-0001	Elegance Marble	40-60 yd.	14.4 oz./sq. yd.	54 in.
746111	145849-0003	Embrace Indigo	40-60 yd.	9.4 oz./sq. yd.	54 in.
746110	145849-0002	Embrace Linen	40-60 yd.	9.4 oz./sq. yd.	54 in.
746109	145849-0001	Embrace Pewter	40-60 yd.	9.4 oz./sq. yd.	54 in.
743637	45837-0002	Empire Dove	40-60 yd.	14.5 oz./sq. yd.	54 in.
746143	56110-0002	Equal Graphite	40-60 yd.	9.1 oz./sq. yd.	54 in.
746142	56110-0001	Equal Ink	40-60 yd.	9.1 oz./sq. yd.	54 in.
739781	146207-0001	Escape Denim	40-60 yd.	13.2 oz./sq. yd.	54 in.
743933	14049-0003	Expand Calypso	40-60 yd.	7.8 oz./sq. yd.	54 in.
743640	45885-0000	Fischer Lagoon	40-60 yd.	14.5 oz./sq. yd.	54 in.
729228	56051-0000	Foster Metallic	40-60 yd.	8.3 oz./sq. yd.	54 in.
743662	56092-0000	Frequency Ash	40-60 yd.	8.3 oz./sq. yd.	54 in.
743663	56093-0000	Frequency Parchment	40-60 yd.	8.3 oz./sq. yd.	54 in.
740717	45991-0001	Fretwork Flax	40-60 yd.	12 oz./sq. yd.	54 in.
743712	45991-0000	Fretwork Mist	40-60 yd.	12 oz./sq. yd.	54 in.
743713	45991-0002	Fretwork Pewter	40-60 yd.	12 oz./sq. yd.	54 in.
739767	14092-0000	Gateway Aloe	40-60 yd.	7.8 oz./sq. yd.	54 in.
739765	14087-0000	Gateway Coast	40-60 yd.	7.8 oz./sq. yd.	54 in.
735773	56102-0000	Gateway Indigo	40-60 yd.	7.8 oz./sq. yd.	54 in.
743732	58039-0000	Gateway Mist	40-60 yd.	7.8 oz./sq. yd.	54 in.
739766	14088-0000	Gateway Tamale	40-60 yd.	7.8 oz./sq. yd.	54 in.
729229	56052-0000	Gavin Mist	40-60 yd.	8.3 oz./sq. yd.	54 in.
735603	5603-0000	Harwood Crimson	40-60 yd.	8.6 oz./sq. yd.	54 in.
735955	18018-0000	Heritage Alpine	40-60 yd.	11 oz./sq. yd.	54 in.
735281	18001-0000	Heritage Ashe	40-60 yd.	11 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
735288	18009-0000	Heritage Char	40-60 yd.	11 oz./sq. yd.	54 in.
735960	18023-0000	Heritage Dijon	40-60 yd.	11 oz./sq. yd.	54 in.
735950	18013-0000	Heritage Dove	40-60 yd.	11 oz./sq. yd.	54 in.
735954	18017-0000	Heritage Indigo	40-60 yd.	11 oz./sq. yd.	54 in.
735290	18011-0000	Heritage Leaf	40-60 yd.	11 oz./sq. yd.	54 in.
735291	18012-0000	Heritage Moss	40-60 yd.	11 oz./sq. yd.	54 in.
735285	18006-0000	Heritage Papyrus	40-60 yd.	11 oz./sq. yd.	54 in.
735958	18021-0000	Heritage Rust	40-60 yd.	11 oz./sq. yd.	54 in.
735956	18019-0000	Heritage Sable	40-60 yd.	11 oz./sq. yd.	54 in.
735957	18020-0000	Heritage Saddle	40-60 yd.	11 oz./sq. yd.	54 in.
735959	18022-0000	Heritage Scarlet	40-60 yd.	11 oz./sq. yd.	54 in.
735953	18016-0000	Heritage Sky	40-60 yd.	11 oz./sq. yd.	54 in.
735952	18015-0000	Heritage Slate	40-60 yd.	11 oz./sq. yd.	54 in.
735951	18014-0000	Heritage Smoke	40-60 yd.	11 oz./sq. yd.	54 in.
746204	57018-0004	Highlight II Remix	40-60 yd.	7.8 oz./sq. yd.	54 in.
746197	57016-0001	Highlight Ivy	40-60 yd.	7.8 oz./sq. yd.	54 in.
746198	57016-0002	Highlight Linen	40-60 yd.	7.8 oz./sq. yd.	54 in.
746199	57016-0003	Highlight Splendor	40-60 yd.	7.8 oz./sq. yd.	54 in.
743711	42079-0000	Hybrid Smoke	40-60 yd.	11.6 oz./sq. yd.	54 in.
746112	145853-0001	Infused Gem	40-60 yd.	11.8 oz./sq. yd.	54 in.
746113	145853-0002	Infused Twilight	40-60 yd.	11.8 oz./sq. yd.	54 in.
743760	69006-0006	Integrated Pewter	30-60 yd.	17.3 oz./sq. yd.	54 in.
743761	69006-0008	Integrated Steel	30-60 yd.	17.3 oz./sq. yd.	54 in.
743674	57004-0000	Lido Indigo	40-60 yd.	8.6 oz./sq. yd.	54 in.
738322	8322-0000	Linen Antique Beige	40-60 yd.	8.9 oz./sq. yd.	54 in.
738353	8353-0000	Linen Canvas	40-60 yd.	8.9 oz./sq. yd.	54 in.
738300	8300-0000	Linen Champagne	40-60 yd.	8.9 oz./sq. yd.	54 in.
738304	8304-0000	Linen Natural	40-60 yd.	8.9 oz./sq. yd.	54 in.
738318	8318-0000	Linen Sesame	40-60 yd.	8.9 oz./sq. yd.	54 in.
738351	8351-0000	Linen Silver	40-60 yd.	8.9 oz./sq. yd.	54 in.
738319	8319-0000	Linen Stone	40-60 yd.	8.9 oz./sq. yd.	54 in.
729282	45690-0000	Luxe Indigo	40-60 yd.	12.9 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
729213	42048-0009	Mainstreet Latte	40-60 yd.	12.5 oz./sq. yd.	54 in.
735630	5630-0000	Mason Forest Green	40-60 yd.	8.3 oz./sq. yd.	54 in.
735674	5674-0000	Maxim Heather Beige	40-60 yd.	8.3 oz./sq. yd.	54 in.
735738	145256-0001	Midori Indigo	40-60 yd.	13.8 oz./sq. yd.	54 in.
735740	145256-0005	Midori Stone	40-60 yd.	13.8 oz./sq. yd.	54 in.
746079	56079-0000	Milano Char	40-60 yd.	8.3 oz./sq. yd.	54 in.
746080	56080-0000	Milano Cobalt	40-60 yd.	8.3 oz./sq. yd.	54 in.
739773	44477-0001	Mixture Mirage	40-60 yd.	7.5 oz./sq. yd.	54 in.
746184	44465-0002	Model Dew	40-60 yd.	7.6 oz./sq. yd.	54 in.
746185	44465-0003	Model Harbor	40-60 yd.	7.6 oz./sq. yd.	54 in.
746183	44465-0001	Model Sand	40-60 yd.	7.6 oz./sq. yd.	54 in.
739784	42105-0003	Momento Dove	40-60 yd.	12.1 oz./sq. yd.	54 in.
739783	42105-0002	Momento Parchment	40-60 yd.	12.1 oz./sq. yd.	54 in.
739782	42105-0001	Momento Snow	40-60 yd.	12.1 oz./sq. yd.	54 in.
746125	42102-0006	Nurture Charcoal	40-60 yd.	11.3 oz./sq. yd.	54 in.
746129	42102-0010	Nurture Clay	40-60 yd.	11.3 oz./sq. yd.	54 in.
746124	42102-0005	Nurture Driftwood	40-60 yd.	11.3 oz./sq. yd.	54 in.
746128	42102-0009	Nurture Haze	40-60 yd.	11.3 oz./sq. yd.	54 in.
746127	42102-0008	Nurture Indigo	40-60 yd.	11.3 oz./sq. yd.	54 in.
746126	42102-0007	Nurture Laurel	40-60 yd.	11.3 oz./sq. yd.	54 in.
746121	42102-0002	Nurture Pebble	40-60 yd.	11.3 oz./sq. yd.	54 in.
746123	42102-0004	Nurture Shale	40-60 yd.	11.3 oz./sq. yd.	54 in.
746122	42102-0003	Nurture Smoke	40-60 yd.	11.3 oz./sq. yd.	54 in.
746120	42102-0001	Nurture White	40-60 yd.	11.3 oz./sq. yd.	54 in.
735764	40484-0001	Paradigm Stone	40-60 yd.	6.5 oz./sq. yd.	54 in.
746075	56075-0000	Peyton Granite	40-60 yd.	8.6 oz./sq. yd.	54 in.
729572	42091-0011	Platform Cloud	40-60 yd.	10.3 oz./sq. yd.	54 in.
729568	42091-0003	Platform Indigo	40-60 yd.	10.3 oz./sq. yd.	54 in.
729574	42091-0013	Platform Salt	40-60 yd.	10.3 oz./sq. yd.	54 in.
746180	16009-0002	Principle Lagoon	40-60 yd.	12.2 oz./sq. yd.	54 in.

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Item Number	Style Number	Color	Put Up	Weight	Width
746179	16009-0001	Principle Tropics	40-60 yd.	12.2 oz./sq. yd.	54 in.
743921	40564-0001	Range Dune	40-60 yd.	6.5 oz./sq. yd.	54 in.
735695	5695-0000	Regency Sand	40-60 yd.	8.6 oz./sq. yd.	54 in.
746203	57017-0004	Relate Harbor	40-60 yd.	7.8 oz./sq. yd.	54 in.
746201	57017-0002	Relate Ivy	40-60 yd.	7.8 oz./sq. yd.	54 in.
746200	57017-0001	Relate Linen	40-60 yd.	7.8 oz./sq. yd.	54 in.
746202	57017-0003	Relate Persimmon	40-60 yd.	7.8 oz./sq. yd.	54 in.
746103	145843-0001	Renew Earthen	40-60 yd.	11.9 oz./sq. yd.	54 in.
746104	145843-0002	Renew Mist	40-60 yd.	11.9 oz./sq. yd.	54 in.
743908	145656-0003	Resonate Atlantis	40-60 yd.	11.9 oz./sq. yd.	54 in.
743906	145656-0001	Resonate Dune	40-60 yd.	11.9 oz./sq. yd.	54 in.
739770	40606-0002	Sail Away Aloe	40-60 yd.	6.7 oz./sq. yd.	54 in.
739771	40606-0003	Sail Away Denim	40-60 yd.	6.7 oz./sq. yd.	54 in.
739772	40606-0004	Sail Away Java	40-60 yd.	6.7 oz./sq. yd.	54 in.
739769	40606-0001	Sail Away Sunflower	40-60 yd.	6.7 oz./sq. yd.	54 in.
743216	32000-0016	Sailcloth Sahara	40-60 yd.	13.9 oz./sq. yd.	54 in.
743226	32000-0026	Sailcloth Sailor	40-60 yd.	13.9 oz./sq. yd.	54 in.
743218	32000-0018	Sailcloth Salt	40-60 yd.	13.9 oz./sq. yd.	54 in.
743223	32000-0023	Sailcloth Seagull	40-60 yd.	13.9 oz./sq. yd.	54 in.
743698	32000-0027	Sailcloth Space	40-60 yd.	13.9 oz./sq. yd.	54 in.
746173	146000-0002	Sensibility II Harbor	40-60 yd.	12.6 oz./sq. yd.	54 in.
746172	146000-0001	Sensibility II Splendor	40-60 yd.	12.6 oz./sq. yd.	54 in.
746170	145999-0001	Sensibility Linen	40-60 yd.	12.6 oz./sq. yd.	54 in.
746171	145999-0002	Sensibility Spring	40-60 yd.	12.6 oz./sq. yd.	54 in.
735708	5608-0000	Seville Seaside	40-60 yd.	8.3 oz./sq. yd.	54 in.
743726	58033-0000	Shore Classic	40-60 yd.	8.2 oz./sq. yd.	54 in.
735770	56054-0000	Shore Linen	40-60 yd.	8.2 oz./sq. yd.	54 in.
743228	32008-0000	Solana Seagull	40-60 yd.	13.9 oz./sq. yd.	54 in.
743235	48085-0000	Spectrum Carbon	40-60 yd.	6.5 oz./sq. yd.	54 in.
743233	48083-0000	Spectrum Caribou	40-60 yd.	6.5 oz./sq. yd.	54 in.
743326	48026-0000	Spectrum Cayenne	40-60 yd.	6.5 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
735767	48096-0000	Spectrum Cherry	40-60 yd.	6.5 oz./sq. yd.	54 in.
743322	48022-0000	Spectrum Cilantro	40-60 yd.	6.5 oz./sq. yd.	54 in.
743324	48024-0000	Spectrum Daffodil	40-60 yd.	6.5 oz./sq. yd.	54 in.
743236	48086-0000	Spectrum Denim	40-60 yd.	6.5 oz./sq. yd.	54 in.
743332	48032-0000	Spectrum Dove	40-60 yd.	6.5 oz./sq. yd.	54 in.
743318	48018-0000	Spectrum Eggshell	40-60 yd.	6.5 oz./sq. yd.	54 in.
743330	48030-0000	Spectrum Graphite	40-60 yd.	6.5 oz./sq. yd.	54 in.
743230	48080-0000	Spectrum Indigo	40-60 yd.	6.5 oz./sq. yd.	54 in.
743331	48031-0000	Spectrum Mushroom	40-60 yd.	6.5 oz./sq. yd.	54 in.
743231	48081-0000	Spectrum Peacock	40-60 yd.	6.5 oz./sq. yd.	54 in.
743319	48019-0000	Spectrum Sand	40-60 yd.	6.5 oz./sq. yd.	54 in.
743234	48084-0000	Spectrum Sesame	40-60 yd.	6.5 oz./sq. yd.	54 in.
743682	58002-0000	Stanton Greystone	40-60 yd.	8.3 oz./sq. yd.	54 in.
743681	58001-0000	Stanton Lagoon	40-60 yd.	8.3 oz./sq. yd.	54 in.
746118	40584-0001	Surround Dusk	40-60 yd.	6.5 oz./sq. yd.	54 in.
746119	40584-0002	Surround Sunrise	40-60 yd.	6.5 oz./sq. yd.	54 in.
743733	58040-0000	Token Surfside	40-60 yd.	10.1 oz./sq. yd.	54 in.
743852	40524-0002	Trusted Coast	40-60 yd.	6.5 oz./sq. yd.	54 in.
743851	40524-0001	Trusted Fog	40-60 yd.	6.5 oz./sq. yd.	54 in.
729240	45760-0002	Violetta Baltic	40-60 yd.	14.5 oz./sq. yd.	54 in.
739779	146206-0003	Voyage Breeze	40-60 yd.	12.2 oz./sq. yd.	54 in.
739780	146206-0004	Voyage Dune	40-60 yd.	12.2 oz./sq. yd.	54 in.
739777	146206-0001	Voyage Indigo	40-60 yd.	12.2 oz./sq. yd.	54 in.
739778	146206-0002	Voyage Tamale	40-60 yd.	12.2 oz./sq. yd.	54 in.

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## Sunbrella® Retweed

The Retweed collection is a sustainable line of performance fabrics from Sunbrella® Richard Frinier collection, containing up to 93% recycled content. Mid-century modern and vintage tweed-inspired, Retweed gives the textural appearance of hand-loomed textiles where no two rolls are alike. The flecks along with natural color variations are inherent to the recycling and manufacturing processes, providing artful and meaningful references to the importance of sustainable living practices.

Suggested uses: indoor and outdoor furniture, decorative pillows, slipcovers, cushions, and curtains.

<b>Fabric</b>	Sunbrella® Recycled Acrylic, Sunbrella® Acrylic, Sunbrella® Polyester
<b>Finish</b>	Non-PFOA Water Repellent and Stain Resistant
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
735970	305675-0001	Harrison Dune	40-60 yd.	14.9 oz./sq. yd.	54 in.
735973	305675-0004	Harrison Glen	40-60 yd.	14.9 oz./sq. yd.	54 in.
735971	305675-0002	Harrison Greystone	40-60 yd.	14.9 oz./sq. yd.	54 in.
735974	305675-0005	Harrison Midnight	40-60 yd.	14.9 oz./sq. yd.	54 in.
735972	305675-0003	Harrison Raven	40-60 yd.	14.9 oz./sq. yd.	54 in.
735964	305672-0004	Highlander Fox	40-60 yd.	16.8 oz./sq. yd.	54 in.
735961	305672-0001	Highlander Greystone	40-60 yd.	16.8 oz./sq. yd.	54 in.
735963	305672-0003	Highlander Midnight	40-60 yd.	16.8 oz./sq. yd.	54 in.
735962	305672-0002	Highlander Raven	40-60 yd.	16.8 oz./sq. yd.	54 in.
735969	305674-0005	Hound Fox	40-60 yd.	13 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
735967	305674-0003	Hound Glen	40-60 yd.	13 oz./sq. yd.	54 in.
735965	305674-0001	Hound Greystone	40-60 yd.	13 oz./sq. yd.	54 in.
735968	305674-0004	Hound Midnight	40-60 yd.	13 oz./sq. yd.	54 in.
735966	305674-0002	Hound Raven	40-60 yd.	13 oz./sq. yd.	54 in.
735981	305677-0001	Hunt Dune	40-60 yd.	13.6 oz./sq. yd.	54 in.
735982	305677-0002	Hunt Greystone	40-60 yd.	13.6 oz./sq. yd.	54 in.
735984	305677-0004	Hunt Midnight	40-60 yd.	13.6 oz./sq. yd.	54 in.
735983	305677-0003	Hunt Raven	40-60 yd.	13.6 oz./sq. yd.	54 in.
735992	43503-0001	Loom Four Castlerock	40-60 yd.	12.9 oz./sq./yd.	54 in.
735993	43503-0002	Loom Four Greystone	40-60 yd.	12.9 oz./sq./yd.	54 in.
735985	43500-0001	Loom One Castlerock	40-60 yd.	10.2 oz./sq. yd.	54 in.
735987	43500-0003	Loom One Greystone	40-60 yd.	10.2 oz./sq. yd.	54 in.
735986	43500-0002	Loom One Woodand	40-60 yd.	10.2 oz./sq. yd.	54 in.
735990	43502-0001	Loom Three Castlerock	40-60 yd.	11.7 oz./sq. yd.	54 in.
735991	43502-0002	Loom Three Greystone	40-60 yd.	11.7 oz./sq. yd.	54 in.
735988	43501-0001	Loom Two Castlerock	40-60 yd.	12.1 oz./sq. yd.	54 in.
735989	43501-0002	Loom Two Greystone	40-60 yd.	12.1 oz./sq. yd.	54 in.
735975	305676-0001	Tweeds Dune	40-60 yd.	17.2 oz. sq./yd.	54 in.
735980	305676-0006	Tweeds Fox	40-60 yd.	17.2 oz. sq./yd.	54 in.
735978	305676-0004	Tweeds Glen	40-60 yd.	17.2 oz. sq./yd.	54 in.
735976	305676-0002	Tweeds Greystone	40-60 yd.	17.2 oz. sq./yd.	54 in.
735979	305676-0005	Tweeds Midnight	40-60 yd.	17.2 oz. sq./yd.	54 in.
735977	305676-0003	Tweeds Raven	40-60 yd.	17.2 oz. sq./yd.	54 in.

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## Sunbrella® Transcend

The Sunbrella Transcend Collection goes beyond traditional design boundaries. These designer upholstery fabrics come in beautiful patterns, all with the power to stand up to high-traffic areas. Great for targeting the demanding contract market, the fabrics are perfect for the hospitality industry.

Sunbrella Transcend fabrics are made of solution-dyed acrylic. They are fade resistant, water repellent, and mildew resistant while also offering a soft hand. In a range of solids, stripes, and jacquards, the design options are endless. Match colors with drapery, umbrellas, awnings, furniture and more for decor that suits any aesthetic. The fabric delivers premium style with easy, bleach-cleanable care. Sunbrella Transcend meets ACT Standards and CA Prop 65 requirements. It is GREENGUARD® certified, AZO dye free, lead free, REACH compliant, and recyclable.

Suggested uses: indoor and outdoor furniture, curtains and drapes, throw pillows, chairs and cushions.

<b>Fabric</b>	Sunbrella® Acrylic, Sunbrella® Polyester
<b>Finish</b>	Non-PFOA Water Repellent and Stain Resistant
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
743951	62025-0002	Achiever Aloe	40-60 yd.	13.4 oz./sq. yd.	54 in.
743952	62025-0003	Achiever Indigo	40-60 yd.	13.4 oz./sq. yd.	54 in.
743950	62025-0001	Achiever Stone	40-60 yd.	13.4 oz./sq. yd.	54 in.
743966	87002-0003	Overdraw Goldenrod	40-60 yd.	13 oz./sq. yd.	54 in.
743967	87002-0004	Overdraw Hotspring	40-60 yd.	13 oz./sq. yd.	54 in.
743964	87002-0001	Overdraw Mercury	40-60 yd.	13 oz./sq. yd.	54 in.
743969	87002-0006	Overdraw Neon	40-60 yd.	13 oz./sq. yd.	54 in.
743965	87002-0002	Overdraw Silver	40-60 yd.	13 oz./sq. yd.	54 in.
743968	87002-0005	Overdraw Spice	40-60 yd.	13 oz./sq. yd.	54 in.
743991	40501-0018	Pashmina Cherry	40-60 yd.	13 oz./sq. yd.	54 in.
743989	40501-0010	Pashmina Cloud	40-60 yd.	13 oz./sq. yd.	54 in.
743985	40501-0002	Pashmina Denim	40-60 yd.	13 oz./sq. yd.	54 in.
743992	40501-0019	Pashmina Fox	40-60 yd.	13 oz./sq. yd.	54 in.
743986	40501-0005	Pashmina Meadow	40-60 yd.	13 oz./sq. yd.	54 in.
743987	40501-0007	Pashmina Moss	40-60 yd.	13 oz./sq. yd.	54 in.
743993	40501-0020	Pashmina Sable	40-60 yd.	13 oz./sq. yd.	54 in.
743988	40501-0008	Pashmina Saffron	40-60 yd.	13 oz./sq. yd.	54 in.
743990	40501-0017	Pashmina Terracotta	40-60 yd.	13 oz./sq. yd.	54 in.
743954	62026-0002	Prismatic Dijon	40-60 yd.	12.6 oz./sq. yd.	54 in.
743956	62026-0004	Prismatic Granite	40-60 yd.	12.6 oz./sq. yd.	54 in.
743955	62026-0003	Prismatic Lagoon	40-60 yd.	12.6 oz./sq. yd.	54 in.
743953	62026-0001	Prismatic Seafoam	40-60 yd.	12.6 oz./sq. yd.	54 in.
743979	87005-0007	Rally Aqua	40-60 yd.	8.4 oz./sq. yd.	54 in.
743982	87005-0010	Rally Ember	40-60 yd.	8.4 oz./sq. yd.	54 in.
743984	87005-0012	Rally Flame	40-60 yd.	8.4 oz./sq. yd.	54 in.
743975	87005-0003	Rally Fog	40-60 yd.	8.4 oz./sq. yd.	54 in.
743981	87005-0009	Rally Graphite	40-60 yd.	8.4 oz./sq. yd.	54 in.
743974	87005-0002	Rally Jade	40-60 yd.	8.4 oz./sq. yd.	54 in.
743980	87005-0008	Rally Lagoon	40-60 yd.	8.4 oz./sq. yd.	54 in.
743978	87005-0006	Rally Leaf	40-60 yd.	8.4 oz./sq. yd.	54 in.
743983	87005-0011	Rally Merlot	40-60 yd.	8.4 oz./sq. yd.	54 in.
743976	87005-0004	Rally Mist	40-60 yd.	8.4 oz./sq. yd.	54 in.



Item Number	Style Number	Color	Put Up	Weight	Width
743973	87005-0001	Rally Parchment	40-60 yd.	8.4 oz./sq. yd.	54 in.
743977	87005-0005	Rally Stone	40-60 yd.	8.4 oz./sq. yd.	54 in.
743958	62027-0002	Triumph Chili	40-60 yd.	9.3 oz./sq. yd.	54 in.
743957	62027-0001	Triumph Dijon	40-60 yd.	9.3 oz./sq. yd.	54 in.
743960	62027-0004	Triumph Lagoon	40-60 yd.	9.3 oz./sq. yd.	54 in.
743959	62027-0003	Triumph Leaf	40-60 yd.	9.3 oz./sq. yd.	54 in.
743961	62027-0005	Triumph Mist	40-60 yd.	9.3 oz./sq. yd.	54 in.
743963	62027-0007	Triumph Slate	40-60 yd.	9.3 oz./sq. yd.	54 in.
743962	62027-0006	Triumph Stone	40-60 yd.	9.3 oz./sq. yd.	54 in.
743972	87004-0003	Vitric II Bottle	40-60 yd.	8.5 oz./sq. yd.	54 in.
743971	87004-0002	Vitric II Ruby	40-60 yd.	8.5 oz./sq. yd.	54 in.
743970	87003-0001	Vitric Seaglass	40-60 yd.	8.5 oz./sq. yd.	54 in.

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## Sunbrella® European Upholstery Collection

Sunbrella European collection offers a rich array of colors and over 150 designs with a European look. These durable upholstery fabrics are made from 100% Sunbrella Acrylic and finished with a protective anti-stain coating. Colorfast, abrasion resistant, mildew resistant, and water repellent, these Sunbrella fabrics are made to perform.

Suggested uses: indoor and outdoor furniture, decorative pillows, slipcovers, cushions, and curtains.

<b>Fabric</b>	Sunbrella® Acrylic, Sunbrella® Polyester
<b>Finish</b>	Non-PFOA Water Repellent and Stain Resistant
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
794625	ARCH R052 140	Archi Concrete	27.34 yd.	17.3 oz./sq. yd.	55 in.
794624	ARCH R051 140	Archi Frame	27.34 yd.	17.3 oz./sq. yd.	55 in.
794627	ARCH R054 140	Archi Ipe	27.34 yd.	17.3 oz./sq. yd.	55 in.
794626	ARCH R053 140	Archi Lead	27.34 yd.	17.3 oz./sq. yd.	55 in.
794628	ARCH R055 140	Archi Oxide	27.34 yd.	17.3 oz./sq. yd.	55 in.
794629	ARCH R056 140	Archi Slate	27.34 yd.	17.3 oz./sq. yd.	55 in.
794547	SJA 3941 137	Canvas Adriatic	54.68 yd.	7.7 oz./sq. yd.	54 in.

Items continue on next page.

**FABRIC UPHOLSTERY**

Item Number	Style Number	Color	Put Up	Weight	Width
794686	SJA 3983 137	Canvas Almond	54.68 yd.	7.7 oz./sq. yd.	54 in.
794697	SJA 3987 137	Canvas Alpine	54.68 yd.	7.7 oz./sq. yd.	54 in.
794570	SJA 48009 00 137	Canvas Arbor Pebble	54.68 yd.	7.7 oz./sq. yd.	54 in.
794531	SJA 3737 137	Canvas Ardoise	54.68 yd.	7.7 oz./sq. yd.	54 in.
794685	SJA 3982 137	Canvas Autumn	54.68 yd.	7.7 oz./sq. yd.	54 in.
794700	SJA 3991 137	Canvas Blazer	54.68 yd.	7.7 oz./sq. yd.	54 in.
794548	SJA 3942 137	Canvas Blue Storm	54.68 yd.	7.7 oz./sq. yd.	54 in.
794559	SJA 3965 137	Canvas Blush	54.68 yd.	7.7 oz./sq. yd.	54 in.
794695	SJA 3984 137	Canvas Canary	54.68 yd.	7.7 oz./sq. yd.	54 in.
794541	SJA 3906 137	Canvas Carbon	54.68 yd.	7.7 oz./sq. yd.	54 in.
794525	SJA 3705 137	Canvas Charcoal	54.68 yd.	7.7 oz./sq. yd.	54 in.
794550	SJA 3944 137	Canvas Charron	54.68 yd.	7.7 oz./sq. yd.	54 in.
794558	SJA 3964 137	Canvas Curacao	54.68 yd.	7.7 oz./sq. yd.	54 in.
794539	SJA 3792 137	Canvas Dark Smoke	54.68 yd.	7.7 oz./sq. yd.	54 in.
794534	SJA 3757 137	Canvas Flanelle	54.68 yd.	7.7 oz./sq. yd.	54 in.
794696	SJA 3985 137	Canvas Ink	54.68 yd.	7.7 oz./sq. yd.	54 in.
794533	SJA 3756 137	Canvas Lead Chiné	54.68 yd.	7.7 oz./sq. yd.	54 in.
794564	SJA 3970 137	Canvas Lichen	54.68 yd.	7.7 oz./sq. yd.	54 in.
794538	SJA 3780 137	Canvas Lin	54.68 yd.	7.7 oz./sq. yd.	54 in.
794532	SJA 3738 137	Canvas Macao	54.68 yd.	7.7 oz./sq. yd.	54 in.
794560	SJA 3966 137	Canvas Marble	54.68 yd.	7.7 oz./sq. yd.	54 in.
794544	SJA 3938 137	Canvas Mimosa	54.68 yd.	7.7 oz./sq. yd.	54 in.
794282	SJA 3793 137	Canvas Mineral Blue Chiné	54.68 yd.	7.7 oz./sq. yd.	54 in.
794524	SJA 3127 137	Canvas Mink Brown	54.68 yd.	7.7 oz./sq. yd.	54 in.
794561	SJA 3967 137	Canvas Mint	54.68 yd.	7.7 oz./sq. yd.	54 in.
794699	SJA 3990 137	Canvas Myosotis	54.68 yd.	7.7 oz./sq. yd.	54 in.
794688	SJA 3989 137	Canvas Opera	54.68 yd.	7.7 oz./sq. yd.	54 in.
794545	SJA 3939 137	Canvas Paprika	54.68 yd.	7.7 oz./sq. yd.	54 in.
794529	SJA 3728 137	Canvas Paris Red	54.68 yd.	7.7 oz./sq. yd.	54 in.
794562	SJA 3968 137	Canvas Pepper	54.68 yd.	7.7 oz./sq. yd.	54 in.
794563	SJA 3969 137	Canvas Pumpkin	54.68 yd.	7.7 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
794687	SJA 3986 137	Canvas Rainforest	54.68 yd.	7.7 oz./sq. yd.	54 in.
794527	SJA 3717 137	Canvas Riviera Blue	54.68 yd.	7.7 oz./sq. yd.	54 in.
794526	SJA 3706 137	Canvas Shingles	54.68 yd.	7.7 oz./sq. yd.	54 in.
794280	SJA 3741 137	Canvas Silver Grey	54.68 yd.	7.7 oz./sq. yd.	54 in.
794535	SJA 3758 137	Canvas Sooty	54.68 yd.	7.7 oz./sq. yd.	54 in.
794698	SJA 3988 137	Canvas Stone	54.68 yd.	7.7 oz./sq. yd.	54 in.
794530	SJA 3729 137	Canvas Taupe	54.68 yd.	7.7 oz./sq. yd.	54 in.
794276	SJA 3907 137	Canvas Taupe Chiné	54.68 yd.	7.7 oz./sq. yd.	54 in.
794662	CHA2 J348 140	Chartres Drizzle	49.21 yd.	11.1 oz./sq. yd.	55 in.
794659	CHA2 J191 140	Chartres Grey	49.21 yd.	11.1 oz./sq. yd.	55 in.
794658	CHA2 J189 140	Chartres Heather	49.21 yd.	11.1 oz./sq. yd.	55 in.
794660	CHA2 J193 140	Chartres Pearl	49.21 yd.	11.1 oz./sq. yd.	55 in.
794661	CHA2 J194 140	Chartres Silver	49.21 yd.	11.1 oz./sq. yd.	55 in.
794657	CHA2 J182 140	Chartres Sooty	49.21 yd.	11.1 oz./sq. yd.	55 in.
794421	DEA 3737 140	Deauve Ardoise	54.68 yd.	9.9 oz./sq. yd.	55 in.
794426	DEA 5032 140	Deauve Black	54.68 yd.	9.9 oz./sq. yd.	55 in.
794428	DEA 5453 140	Deauve Canvas	54.68 yd.	9.9 oz./sq. yd.	55 in.
794425	DEA 3977 140	Deauve Chalk	54.68 yd.	9.9 oz./sq. yd.	55 in.
794422	DEA 3741 140	Deauve Silver Grey	54.68 yd.	9.9 oz./sq. yd.	55 in.
794420	DEA 3729 140	Deauve Taupe	54.68 yd.	9.9 oz./sq. yd.	55 in.
794427	DEA 5404 140	Deauve White	54.68 yd.	9.9 oz./sq. yd.	55 in.
794605	DOM R049 140	Domino Casino	27.34 yd.	18.6 oz./sq. yd.	55 in.
794602	DOM R046 140	Domino Craps	27.34 yd.	18.6 oz./sq. yd.	55 in.
794606	DOM R050 140	Domino Jackpot	27.34 yd.	18.6 oz./sq. yd.	55 in.
794601	DOM R045 140	Domino Joker	27.34 yd.	18.6 oz./sq. yd.	55 in.
794600	DOM R044 140	Domino Loto	27.34 yd.	18.6 oz./sq. yd.	55 in.
794604	DOM R048 140	Domino Poker	27.34 yd.	18.6 oz./sq. yd.	55 in.
794603	DOM R047 140	Domino Roulette	27.34 yd.	18.6 oz./sq. yd.	55 in.
794671	FOU 3979 140	Foutah Cyclades	54.68 yd.	8.1 oz./sq. yd.	55 in.
794672	FOU 3980 140	Foutah Olice	54.68 yd.	8.1 oz./sq. yd.	55 in.
794670	FOU 3978 140	Foutah Pastis	54.68 yd.	8.1 oz./sq. yd.	55 in.
794673	FOU 3981 140	Foutah Petanque	54.68 yd.	8.1 oz./sq. yd.	55 in.

Item Number	Style Number	Color	Put Up	Weight	Width
794608	IKE J331 140	Ikebana Bayou	27.34 yd.	15.5 oz./sq. yd.	55 in.
794607	IKE J330 140	Ikebana Canopy	27.34 yd.	15.5 oz./sq. yd.	55 in.
794611	IKE J334 140	Ikebana Canyon	27.34 yd.	15.5 oz./sq. yd.	55 in.
794610	IKE J333 140	Ikebana Polar	27.34 yd.	15.5 oz./sq. yd.	55 in.
794609	IKE J332 140	Ikebana Safari	27.34 yd.	15.5 oz./sq. yd.	55 in.
794612	IKE J369 140	Ikebana Uyuni	27.34 yd.	15.5 oz./sq. yd.	55 in.
794633	KOM J346 140	Komo Coua	27.34 yd.	17.8 oz./sq. yd.	55 in.
794631	KOM J344 140	Komo Peat	27.34 yd.	17.8 oz./sq. yd.	55 in.
794634	KOM J347 140	Komo Raffia	27.34 yd.	17.8 oz./sq. yd.	55 in.
794632	KOM J345 140	Komo Tawny	27.34 yd.	17.8 oz./sq. yd.	55 in.
794630	KOM J343 140	Komo Vetiver	27.34 yd.	17.8 oz./sq. yd.	55 in.
794457	LOP R034 140	Lopi Antique	27.34 yd.	20.1 oz./sq. yd.	55 in.
794618	LOP R043 140	Lopi Ash	27.34 yd.	20.1 oz./sq. yd.	55 in.
794615	LOP R040 140	Lopi Azalea	27.34 yd.	20.1 oz./sq. yd.	55 in.
794613	LOP R038 140	Lopi Beldi	27.34 yd.	20.1 oz./sq. yd.	55 in.
794614	LOP R039 140	Lopi Biscuit	27.34 yd.	20.1 oz./sq. yd.	55 in.
794443	LOP R017 140	Lopi Charcoal	27.34 yd.	20.1 oz./sq. yd.	55 in.
794440	LOP R014 140	Lopi Coconut	27.34 yd.	20.1 oz./sq. yd.	55 in.
794444	LOP R018 140	Lopi Marble	27.34 yd.	20.1 oz./sq. yd.	55 in.
794617	LOP R042 140	Lopi Nenuphar	27.34 yd.	20.1 oz./sq. yd.	55 in.
794445	LOP R019 140	Lopi Sand	27.34 yd.	20.1 oz./sq. yd.	55 in.
794439	LOP R013 140	Lopi Shadow	27.34 yd.	20.1 oz./sq. yd.	55 in.
794441	LOP R015 140	Lopi Silver	27.34 yd.	20.1 oz./sq. yd.	55 in.
794456	LOP R033 140	Lopi Snow	27.34 yd.	20.1 oz./sq. yd.	55 in.
794616	LOP R041 140	Lopi Tangerine	27.34 yd.	20.1 oz./sq. yd.	55 in.
794656	MAJ J342 140	Majestic Amethyst	43.74 yd.	12.1 oz./sq. yd.	55 in.
794652	MAJ J338 140	Majestic Citrine	43.74 yd.	12.1 oz./sq. yd.	55 in.
794651	MAJ J337 140	Majestic Crystal	43.74 yd.	12.1 oz./sq. yd.	55 in.
794649	MAJ J335 140	Majestic Javer	43.74 yd.	12.1 oz./sq. yd.	55 in.
794655	MAJ J341 140	Majestic Naos	43.74 yd.	12.1 oz./sq. yd.	55 in.
794654	MAJ J340 140	Majestic Paraiba	43.74 yd.	12.1 oz./sq. yd.	55 in.
794653	MAJ J339 140	Majestic Quarts	43.74 yd.	12.1 oz./sq. yd.	55 in.
794650	MAJ J336 140	Majestic River	43.74 yd.	12.1 oz./sq. yd.	55 in.
794620	MARQ J382 140	Marquetry Bora	27.34 yd.	17.7 oz./sq. yd.	55 in.
794622	MARQ J384 140	Marquetry Mistral	27.34 yd.	17.7 oz./sq. yd.	55 in.

Item Number	Style Number	Color	Put Up	Weight	Width
794621	MARQ J383 140	Marquetry Shamal	27.34 yd.	17.7 oz./sq. yd.	55 in.
794623	MARQ J385 140	Marquetry Sirocco	27.34 yd.	17.7 oz./sq. yd.	55 in.
794619	MARQ J381 140	Marquetry Zephyr	27.34 yd.	17.7 oz./sq. yd.	55 in.
794682	MEZ 10227 140	Mezzo Atlas	54.68 yd.	8.4 oz./sq. yd.	55 in.
794683	MEZ 10228 140	Mezzo Celadon	54.68 yd.	8.4 oz./sq. yd.	55 in.
794676	MEZ 10221 140	Mezzo Coral	54.68 yd.	8.4 oz./sq. yd.	55 in.
794680	MEZ 10225 140	Mezzo Feather	54.68 yd.	8.4 oz./sq. yd.	55 in.
794678	MEZ 10223 140	Mezzo Henna	54.68 yd.	8.4 oz./sq. yd.	55 in.
794684	MEZ 10229 140	Mezzo Opal	54.68 yd.	8.4 oz./sq. yd.	55 in.
794679	MEZ 10224 140	Mezzo Scale	54.68 yd.	8.4 oz./sq. yd.	55 in.
794674	MEZ 10219 140	Mezzo Sulfer	54.68 yd.	8.4 oz./sq. yd.	55 in.
794677	MEZ 10222 140	Mezzo Tigerlily	54.68 yd.	8.4 oz./sq. yd.	55 in.
794681	MEZ 10226 140	Mezzo Tropic	54.68 yd.	8.4 oz./sq. yd.	55 in.
794675	MEZ 10220 140	Mezzo Turmeric	54.68 yd.	8.4 oz./sq. yd.	55 in.
794694	NAT 10235 140	Natté Amber	54.68 yd.	8.1 oz./sq. yd.	55 in.
794468	NAT 10021 140	Natté Canvas	54.68 yd.	8.1 oz./sq. yd.	55 in.
794477	NAT 10065 140	Natté Carbon Beige	54.68 yd.	8.1 oz./sq. yd.	55 in.
794476	NAT 10064 140	Natté Carbon Sky	54.68 yd.	8.1 oz./sq. yd.	55 in.
794690	NAT 10231 140	Natté Carmine	54.68 yd.	8.1 oz./sq. yd.	55 in.
794475	NAT 10063 140	Natté Charcoal Chiné	54.68 yd.	8.1 oz./sq. yd.	55 in.
794474	NAT 10059 140	Natté Dark Taupe	54.68 yd.	8.1 oz./sq. yd.	55 in.
794693	NAT 10234 140	Natté Flamingo	54.68 yd.	8.1 oz./sq. yd.	55 in.
794275	NAT 10025 140	Natté Frosty Chiné	54.68 yd.	8.1 oz./sq. yd.	55 in.
794480	NAT 10152 140	Natté Graumel Chalk	54.68 yd.	8.1 oz./sq. yd.	55 in.
794469	NAT 10022 140	Natté Grey Chiné	54.68 yd.	8.1 oz./sq. yd.	55 in.
794470	NAT 10028 140	Natté Heather Beige	54.68 yd.	8.1 oz./sq. yd.	55 in.
794478	NAT 10150 140	Natté Heather Chalk	54.68 yd.	8.1 oz./sq. yd.	55 in.

Items continue on next page.



FABRIC UPHOLSTERY

Item Number	Style Number	Color	Put Up	Weight	Width
794471	NAT 10029 140	Natté Heather Grey	54.68 yd.	8.1 oz./sq. yd.	55 in.
794691	NAT 10232 140	Natté Ivy	54.68 yd.	8.1 oz./sq. yd.	55 in.
794479	NAT 10151 140	Natté Linen Chalk	54.68 yd.	8.1 oz./sq. yd.	55 in.
794466	NAT 10014 140	Natté Nature	54.68 yd.	8.1 oz./sq. yd.	55 in.
794473	NAT 10040 140	Natté Nature Grey	54.68 yd.	8.1 oz./sq. yd.	55 in.
794692	NAT 10233 140	Natté Pistachio	54.68 yd.	8.1 oz./sq. yd.	55 in.
794472	NAT 10030 140	Natté Sooty	54.68 yd.	8.1 oz./sq. yd.	55 in.
794483	NAT 10155 140	Natté Taupe Chalk	54.68 yd.	8.1 oz./sq. yd.	55 in.
794689	NAT 10101 140	Natté Tonka	54.68 yd.	8.1 oz./sq. yd.	55 in.
794467	NAT 10020 140	Natté White	54.68 yd.	8.1 oz./sq. yd.	55 in.
794283	SJA 3776 137	Porto Blue Chiné	54.68 yd.	7.7 oz./sq. yd.	54 in.
794536	SJA 3777 137	Porto Grey Chiné	54.68 yd.	7.7 oz./sq. yd.	54 in.
794537	SJA 3778 137	Quadri Grey	54.68 yd.	7.7 oz./sq. yd.	54 in.
794702	RLX B101 150	Relax Birch	65.62 yd.	6.1 oz./sq. yd.	59 in.
794701	RLX B100 150	Relax Cloud	65.62 yd.	6.1 oz./sq. yd.	59 in.
794706	RLX B119 150	Relax Graphite	65.62 yd.	6.1 oz./sq. yd.	59 in.
794703	RLX B102 150	Relax Sand	65.62 yd.	6.1 oz./sq. yd.	59 in.
794705	RLX B118 150	Relax Sone	65.62 yd.	6.1 oz./sq. yd.	59 in.
794704	RLX B113 150	Relax Storm	65.62 yd.	6.1 oz./sq. yd.	59 in.
794516	SAV2 J233 140	Savane Coconut	49.21 yd.	11.8 oz./sq. yd.	55 in.
794667	SAV2 J353 140	Savane Dawn	43.74 yd.	11.8 oz./sq. yd.	55 in.
794666	SAV2 J352 140	Savane Eris	43.74 yd.	11.8 oz./sq. yd.	55 in.
794517	SAV2 J234 140	Savane Grey	49.21 yd.	11.8 oz./sq. yd.	55 in.
794669	SAV2 J355 140	Savane Midnight	43.74 yd.	11.8 oz./sq. yd.	55 in.
794664	SAV2 J350 140	Savane Nimbus	43.74 yd.	11.8 oz./sq. yd.	55 in.
794668	SAV2 J354 140	Savane Spring	43.74 yd.	11.8 oz./sq. yd.	55 in.
794665	SAV2 J351 140	Savane Tornado	43.74 yd.	11.8 oz./sq. yd.	55 in.
794663	SAV2 J349 140	Savane Whisper	43.74 yd.	11.8 oz./sq. yd.	55 in.
794518	SAV2 J235 140	Savane White	49.21 yd.	11.8 oz./sq. yd.	55 in.
794519	SAV2 J236 140	Savane Zinc	49.21 yd.	11.8 oz./sq. yd.	55 in.
794643	ZOR R065 140	Zori Fugu	32.81 yd.	15.9 oz./sq. yd.	55 in.
794639	ZOR R061 140	Zori Gari	32.81 yd.	15.9 oz./sq. yd.	55 in.

Item Number	Style Number	Color	Put Up	Weight	Width
794645	ZOR R067 140	Zori Graphite	32.81 yd.	15.9 oz./sq. yd.	55 in.
794641	ZOR R063 140	Zori Hibiscus	32.81 yd.	15.9 oz./sq. yd.	55 in.
794642	ZOR R064 140	Zori Kiri	32.81 yd.	15.9 oz./sq. yd.	55 in.
794637	ZOR R059 140	Zori Matcha	32.81 yd.	15.9 oz./sq. yd.	55 in.
794647	ZOR R069 140	Zori Miso	32.81 yd.	15.9 oz./sq. yd.	55 in.
794648	ZOR R070 140	Zori Muse	32.81 yd.	15.9 oz./sq. yd.	55 in.
794646	ZOR R068 140	Zori Nami	32.81 yd.	15.9 oz./sq. yd.	55 in.
794635	ZOR R057 140	Zori Rice	32.81 yd.	15.9 oz./sq. yd.	55 in.
794644	ZOR R066 140	Zori Sake	32.81 yd.	15.9 oz./sq. yd.	55 in.
794640	ZOR R062 140	Zori Sento	32.81 yd.	15.9 oz./sq. yd.	55 in.
794638	ZOR R060 140	Zori Straw	32.81 yd.	15.9 oz./sq. yd.	55 in.
794636	ZOR R058 140	Zori Washi	32.81 yd.	15.9 oz./sq. yd.	55 in.

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## Sunbrella® European Upholstery Collection – Sling

<b>Fabric</b>	58.8% Sunbrella® Non-Phthalate PVC, 22.1% Sunbrella® Polyester, 19.1% Sunbrella® Acrylic
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
794711	SLI50045-06	Logan Sand	45 yd.	14.2 oz./sq. yd.	54 in.
794712	SLI50045-07	Logan Snowy	45 yd.	14.2 oz./sq. yd.	54 in.
794710	SLI50045-02	Logan Taupe	45 yd.	14.2 oz./sq. yd.	54 in.

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## Sunbrella® Rain

Sunbrella Rain upholstery fabrics are 100% waterproof for carefree weather protection. In addition to the standard Sunbrella benefits, they also offer rapid drying. The designer fabric is developed to withstand heavy rainfall.

To ensure that it remains waterproof, Sunbrella Rain should be properly fabricated to allow for ventilation. Aqua-Seal™ thread and pre-wound bobbins are recommended to stitch Sunbrella Rain as Aqua-Seal thread swells up to fill the needle holes as the fabric is stitched. Do not machine wash.

Suggested uses: outdoor seating, cushions, outdoor furniture.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Face: Non-PFOA Water Repellent and Stain Resistant. Back: Polyurethane
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
738495	5612-0000 77	Brannon Redwood	40-60 yd.	8.3 oz./sq. yd.	54 in.
738400	5410-0000 77	Canvas Air Blue	40-60 yd.	8.3 oz./sq. yd.	54 in.
738422	5422-0000 77	Canvas Antique Beige	40-60 yd.	8.3 oz./sq. yd.	54 in.
738408	5408-0000 77	Canvas Black	40-60 yd.	8.3 oz./sq. yd.	54 in.
738510	5409-0000 77	Canvas Brick	40-60 yd.	8.3 oz./sq. yd.	54 in.
738453	5453-0000 77	Canvas Canvas	40-60 yd.	8.3 oz./sq. yd.	54 in.
738490	54048-0000 77	Canvas Charcoal	40-60 yd.	8.3 oz./sq. yd.	54 in.
738489	5489-0000 77	Canvas Coal	40-60 yd.	8.3 oz./sq. yd.	54 in.
738425	5425-0000 77	Canvas Cocoa	40-60 yd.	8.3 oz./sq. yd.	54 in.
738511	5487-0000 77	Canvas Fern	40-60 yd.	8.3 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
738411	54011-0000 77	Canvas Ginkgo	40-60 yd.	8.3 oz./sq. yd.	54 in.
738406	5402-0000 77	Canvas Granite	40-60 yd.	8.3 oz./sq. yd.	54 in.
738476	5476-0000 77	Canvas Heather Beige	40-60 yd.	8.3 oz./sq. yd.	54 in.
738407	5407-0000 77	Canvas Henna	40-60 yd.	8.3 oz./sq. yd.	54 in.
738403	5403-0000 77	Canvas Jockey Red	40-60 yd.	8.3 oz./sq. yd.	54 in.
738404	5404-0000 77	Canvas Natural	40-60 yd.	8.3 oz./sq. yd.	54 in.
738439	5439-0000 77	Canvas Navy	40-60 yd.	8.3 oz./sq. yd.	54 in.
738410	5401-0000 77	Canvas Pacific Blue	40-60 yd.	8.3 oz./sq. yd.	54 in.
738413	5413-0000 77	Canvas Spa	40-60 yd.	8.3 oz./sq. yd.	54 in.
738461	5461-0000 77	Canvas Taupe	40-60 yd.	8.3 oz./sq. yd.	54 in.
738488	5488-0000 77	Canvas Teak	40-60 yd.	8.3 oz./sq. yd.	54 in.
738409	5456-0000 77	Canvas Teal	40-60 yd.	8.3 oz./sq. yd.	54 in.
738513	8067-0000 77	Dupione Celeste	40-60 yd.	10.1 oz./sq. yd.	54 in.
738491	8011-0000 77	Dupione Sand	40-60 yd.	10.1 oz./sq. yd.	54 in.
738503	8300-0000 77	Linen Champagne	40-60 yd.	8.9 oz./sq. yd.	54 in.
738499	8318-0000 77	Linen Sesame	40-60 yd.	8.9 oz./sq. yd.	54 in.
738497	32000-0016 77	Sailcloth Sahara	40-60 yd.	13.9 oz./sq. yd.	54 in.
738498	32000-0018 77	Sailcloth Salt	40-60 yd.	13.9 oz./sq. yd.	54 in.
738496	48026-0000 77	Spectrum Cayenne	40-60 yd.	7.1 oz./sq. yd.	54 in.
738492	48022-0000 77	Spectrum Cilantro	40-60 yd.	7.1 oz./sq. yd.	54 in.
738508	48032-0000 77	Spectrum Dove	40-60 yd.	7.1 oz./sq. yd.	54 in.
738534	48080-0000 77	Spectrum Indigo	40-60 yd.	7.1 oz./sq. yd.	54 in.
738506	48031-0000 77	Spectrum Mushroom	40-60 yd.	7.1 oz./sq. yd.	54 in.

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## Sunbrella® Shadow

Discover fabrics that filter light while adding style and privacy to indoor and outdoor areas. Designed for use in umbrellas, privacy screens and architectural embellishments on gazebos and other outdoor structures, Sunbrella Shadow filters and diffuses light and adds privacy or decorative embellishments without completely blocking the sun.

Sunbrella Shadow features a mock-leno weave in which space is locked into the fabric, limiting the amount of sun blocked. It also allows water to pass through for fast drying and prevents weight gain from water retention that can damage architectural structures.

Offered in a variety of colors, Sunbrella Shadow coordinates with many popular Sunbrella awning and furniture fabric colors.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; NFPA 260:2013, Class: 1 cover fabric; UFAC Upholstered Furniture, Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
740421	51000-0001	Shadow Sand	60 yd.	6 oz./sq. yd.	54 in.
740420	51000-0000	Shadow Snow	60 yd.	6 oz./sq. yd.	54 in.

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## Sunbrella® Sling

Sunbrella Sling is a patented performance fabric that combines the exceptional strength of vinyl yarns with the softness of Sunbrella. These extremely durable outdoor fabrics are primarily used in sling chair applications. Sunbrella Sling is fade and stain resistant, and provides a sleek designer look and effortless maintenance.

Suggested uses: sling furniture.

<b>Fabric</b>	Sunbrella® Acrylic, Sunbrella® Non-Phthalate PVC, Sunbrella® Polyester
<b>FR Standards Met</b>	California Technical Bulletin 117-2013 Class 1; NFPA 260:2013 Class 1; UFAC 1990 Flammability Class 1
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
793912	5928-0042	Augustine Alloy	45 yd.	14.5 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
794124	5928-0054	Augustine Ashe	45 yd.	14.5 oz./sq. yd.	54 in.
793913	5928-0043	Augustine Denim	45 yd.	14.5 oz./sq. yd.	54 in.
793800	5928-0033	Augustine Fennel	45 yd.	14.5 oz./sq. yd.	54 in.
793957	5928-0007	Augustine Gravel	45 yd.	14.5 oz./sq. yd.	54 in.
793770	5928-0065	Augustine Oasis	45 yd.	14.5 oz./sq. yd.	54 in.
793884	5928-0045	Augustine Oyster	45 yd.	14.5 oz./sq. yd.	54 in.
793954	5928-0031	Augustine Pebble	45 yd.	14.5 oz./sq. yd.	54 in.
794119	5928-0048	Augustine Pewter	45 yd.	14.5 oz./sq. yd.	54 in.
793771	5928-0066	Augustine Sable	45 yd.	14.5 oz./sq. yd.	54 in.
793772	5928-0067	Augustine Shadow	45 yd.	14.5 oz./sq. yd.	54 in.
793885	5928-0044	Augustine Silver	45 yd.	14.5 oz./sq. yd.	54 in.
793963	50016-0006	Bossa Nova Graphite	45 yd.	14.9 oz./sq. yd.	54 in.
794204	6835-0001	Burdock Indigo	45 yd.	14.1 oz./sq. yd.	54 in.
794206	6835-0003	Burdock Sand	45 yd.	14.1 oz./sq. yd.	54 in.
794205	6835-0002	Burdock Smoke	45 yd.	14.1 oz./sq. yd.	54 in.
793774	50203-0003	Collect Charcoal	35 yd.	14.4 oz./sq. yd.	54 in.
793773	50203-0002	Collect Indigo	35 yd.	14.4 oz./sq. yd.	54 in.
793996	50078-0006	Destiny Sand	45 yd.	14.6 oz./sq. yd.	54 in.
794201	50078-0011	Destiny Steel	45 yd.	14.6 oz./sq. yd.	54 in.
793993	50078-0003	Destiny Walnut	45 yd.	14.6 oz./sq. yd.	54 in.
793856	50183-0000	Elevation Stone	45 yd.	15.7 oz./sq. yd.	54 in.
793836	5288-0005	Igneous Granite	45 yd.	17.6 oz./sq. yd.	54 in.
793872	50045-0018	Logan Graphite	45 yd.	14.9 oz./sq. yd.	54 in.
793775	50080-0001	Moments Navy	45 yd.	14.3 oz./sq. yd.	54 in.
793776	50080-0002	Moments Shadow	45 yd.	14.3 oz./sq. yd.	54 in.
793968	5973-0001	Myrtle 7001BN	45 yd.	14.3 oz./sq. yd.	54 in.
794198	6723-0001	Nimbus Ash	45 yd.	18.3 oz./sq. yd.	54 in.
794200	6723-0003	Nimbus Ocean	45 yd.	18.3 oz./sq. yd.	54 in.
794199	6723-0002	Nimbus Smoke	45 yd.	18.3 oz./sq. yd.	54 in.
794195	6722-0001	Overlay Coal	45 yd.	17.2 oz./sq. yd.	54 in.



Item Number	Style Number	Color	Put Up	Weight	Width
794196	6722-0002	Overlay Grey	45 yd.	17.2 oz./sq. yd.	54 in.
794197	6722-0003	Overlay Sand	45 yd.	17.2 oz./sq. yd.	54 in.
793778	50202-0002	Pueblo Dune	45 yd.	14.2 oz./sq. yd.	54 in.
793780	50202-0004	Pueblo Granite	45 yd.	14.3 oz./sq. yd.	54 in.
793777	50202-0001	Pueblo Linen	45 yd.	14.2 oz./sq. yd.	54 in.
793779	50202-0003	Pueblo Smoke	45 yd.	14.3 oz./sq. yd.	54 in.
793844	50143-0000	Sailing Salt	45 yd.	18.3 oz./sq. yd.	54 in.
793848	50143-0010	Sailing Seagull	45 yd.	18.3 oz./sq. yd.	54 in.
794111	50143-0019	Sailing Space	45 yd.	18.3 oz./sq. yd.	54 in.
793813	50171-0000	Shangrila Dove	45 yd.	15.7 oz./sq. yd.	54 in.
794202	5325-0001	Site Linen	45 yd.	16.4 oz./sq. yd.	54 in.
794203	5325-0002	Site Shale	45 yd.	16.4 oz./sq. yd.	54 in.
793893	50198-0001	System Dune	45 yd.	15.3 oz./sq. yd.	54 in.
793894	50198-0004	System Earth	45 yd.	15.3 oz./sq. yd.	54 in.
793895	50198-0003	System Pebble	45 yd.	15.3 oz./sq. yd.	54 in.
793896	50198-0002	System Stone	45 yd.	15.3 oz./sq. yd.	54 in.
794193	6724-0004	Way Aruba	45 yd.	14.3 oz./sq. yd.	54 in.
794191	6829-0000	Way Grey	45 yd.	14.3 oz./sq. yd.	54 in.
794194	6724-0005	Way Melon	45 yd.	14.3 oz./sq. yd.	54 in.
794192	6724-0003	Way Navy	45 yd.	14.3 oz./sq. yd.	54 in.
794190	6724-0001	Way White	45 yd.	14.3 oz./sq. yd.	54 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Phifertex® Plus

Phifertex Plus carries a heavier weight and denser fabric count for heavy-duty projects. The fabric offers reliable protection and comfort. It resists ripping, sagging, and fading.

Phifer's patented Microban® technology supplies an added layer of protection. The antimicrobial solution inhibits the growth of stain and odor-causing bacteria, mold, and mildew for lasting cleanliness.

This product is GREENGUARD® certified and made in the USA.

Suggested uses: sling chairs and other outdoor furniture, umbrellas, roller shades and other sun screens, pergola, canopies.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997298	X04	Black	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997299	BH4	Burlap	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997745	NAK	Copperlite	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997557	DJ7	Dupione Kiwi	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997555	L37	Dupione Poolside	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997316	L96	Dupione Sapphire	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997830	KDU	Dupioni Andorra	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997814	NCE	Dupioni Brindle	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997831	LLP	Dupioni Ice Blue	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

Items continue on next page.

## FABRIC UPHOLSTERY

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997829	KDT	Dupioni Puree	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997289	DB6	Garden Green	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997108	X00	Grey Sand	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997122	CL1	Holly Green	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997123	406	Lemon Yellow	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997845	KEE	Madras Tweed Clay	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997811	LKU	Madras Tweed Cornflower	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997813	ZEQ	Madras Tweed Ember	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997846	DDV	Madras Tweed Moss	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997812	NCF	Madras Tweed Putty	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997603	LFW	Madras Tweed Surf	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997744	KBO	Madras Tweed Terracotta	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997589	LGD	Metallica Lagoon	22 x 22	60 yd.	15.7 oz./sq. yd.	54 in.
997464	XUP	Metallica Platinum	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997302	KK3	Metallica Salsa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997314	XXG	Metallica Smoke	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997300	OHK	Metallica White	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997747	ZAY	Mica Pearl	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997124	GP5	Navy Pier	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997125	G00	Royal Blue	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997295	KG4	Salsa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997288	KF4	Snappy	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997301	LBY	Straw Mat Blue	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997129	OY3	Stucco	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997472	LDC	Tweed Indigo	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997121	000	White	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

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## Phifertex® Stripes

Featuring a classic stripe design, Phifertex Stripes fabrics are 100% PVC. They combine durable polyester with a protective vinyl coating for reliable defense against harsh climates. The material also resists fading and tearing for lasting utility.

The key benefits of Phifertex fabrics come from their integrated Microban® antimicrobial protection. The solution fights stain and odor-causing bacteria, mold, and mildew.

This product is GREENGUARD® certified to meet strict environmental standards. Made in the USA.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: sling chairs and other sling outdoor furniture.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997429	GY0	Aquafino	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997827	KDW	Brooklyn Stripe Clay	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997468	XUM	Coastline Peacock	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997828	LLR	Cole Stripe Riviera	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997850	LMR	Dakota Stripe Blueprint	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997851	KEG	Dakota Stripe Clay	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997550	L38	Delray Stripe Poolside	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997756	LHR	Elise Stripe Chesapeake	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997826	OLR	Gradient Cabana Silver Mist	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997473	DAI	Raleigh Stripe Willow	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997433	KG3	Santiago Stripe	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997852	ZHU	Spectrum Stripe Dune	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997616	YAC	Tempo Stone	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997474	LDB	Trixie Stripe Myrtle	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997441	LO9	Windsor Stripe Spa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997617	LBX	Winsted Stripe Beach	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

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## Phifertex® Resort Collection

Create a stylish resort look anywhere with the Phifertex Resort Collection. These bright, colorful sling fabrics come in solid and striped designs. The fabric is made from vinyl-encapsulated polyester for lasting durability. This sling upholstery fabric offers reliable defense against UV rays. The Phifertex Resort Collection brings durable performance. It resists tearing, fading, and sagging.

Phifertex mesh sling fabrics feature Microban® antimicrobial protection. Microban prevents stains, odors, bacteria, mold, and mildew. It can be cleaned easily with soap or diluted bleach. This product is GREENGUARD® certified and meets strict environmental standards.

Suggested uses: sling chairs, patio furniture.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	ASTM E84-07; California Technical Bulletin 117-2013, Section 1, Cover Fabric Test
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997848	LMP	Blazer Confetti	25 x 25	60 yd.	21 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997847	LMQ	Blazer Mojito	25 x 25	60 yd.	21 oz./sq. yd.	54 in.
997791	LIR	Breeze	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997782	DCQ	Citron	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997783	DCR	Coco Confetti	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997793	LIT	Coco High Tide	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997781	720	Daffodil	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997766	LIZ	Daytripper Denim	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997789	KCE	Daytripper Horizon	42 x 16	60 yd.	15.8 oz./sq. yd.	54 in.
997849	OMH	Glaze	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997785	DCT	Kona Playa	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997788	KCB	Kona Sunset	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997792	LIS	Maui Royal	42 x 16	60 yd.	15.8 oz./sq. yd.	54 in.
997794	KCA	Orchid	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997790	LIQ	Pacific	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997786	KBQ	Straw Mat Coral	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997787	KBZ	Straw Mat Melon	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997784	DCS	Tempo Spearmint	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.

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## Phifertex® Cane Wicker Collection

Phifertex Cane Wicker gives the appearance of wicker furniture without the drawbacks of wood. While genuine wood-woven furniture can fracture and weaken over time, Cane Wicker offers a smooth, durable surface. It provides an elastic, fade-resistant chair or covering.

Part of what makes Phifertex so popular is their Microban® antimicrobial protection. The technology gives a lasting level of cleanliness that won't wash or wear away for the lifespan of the fabric. It prevents the growth of bacteria, mold, mildew, stains, and odor.

This product is GREENGUARD® certified for low chemical emissions. Made in the USA.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: sling chairs and other sling outdoor furniture.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997510	CX2	Aluminum	25 x 25	60 yd.	22 oz./sq. yd.	54 in.
997776	LIY	Amalfi Rapids	25 x 25	60 yd.	17.1 oz./sq. yd.	54 in.
997508	CX3	Balsa	25 x 25	60 yd.	22 oz./sq. yd.	54 in.
997736	YHJ	Barque Graphite	25 x 20	60 yd.	21.1 oz./sq. yd.	54 in.
997853	NEL	Blazer Pecan	25 x 25	60 yd.	18.6 oz./sq. yd.	54 in.
997805	LKS	Blazer Surf	25 x 25	60 yd.	18.6 oz./sq. yd.	54 in.
997806	ZEP	Blazer Zinc	25 x 25	60 yd.	18.6 oz./sq. yd.	54 in.
997819	LLN	Burke Riviera	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997821	NDG	Burke Topaz	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997594	#0FE	Cane Oyster	25 x 25	60 yd.	18 oz./sq. yd.	54 in.
997735	LFQ	Cane Weave Pacific	22 x 18	60 yd.	21.1 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997733	KAQ	Cane Weave Paprika	22 x 22	60 yd.	21.1 oz./sq. yd.	54 in.
997740	LHT	Caribbean Cane	42 x 14	60 yd.	21.1 oz./sq. yd.	54 in.
997820	LLQ	Charm Ice Blue	22 x 18	60 yd.	18.6 oz./sq. yd.	54 in.
997817	DDQ	Charm Mist	22 x 18	60 yd.	17 oz./sq. yd.	54 in.
997728	YHK	Charm Platinum	22 x 18	60 yd.	17 oz./sq. yd.	54 in.
997818	KDV	Charm Tango	22 x 18	60 yd.	17 oz./sq. yd.	54 in.
997803	ZEN	Creel Birch	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997854	ZHT	Creel Driftwood	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997501	AD7	Desert	25 x 25	60 yd.	22 oz./sq. yd.	54 in.
997540	BT3	Double Dipper	25 x 25	60 yd.	22 oz./sq. yd.	54 in.
997585	EH6	Echo Valley Sadat	25 x 25	60 yd.	21.1 oz./sq. yd.	54 in.
997739	LHQ	Free Spirit Denim	42 x 14	60 yd.	18.7 oz./sq. yd.	54 in.
997855	NEM	Gannon Birch	37 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997823	ZGE	Gannon Granite	37 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997816	OLQ	Gannon Luxe	37 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997822	NDH	Gannon Mocha	37 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997770	DCW	Interlock Calypso	25 x 25	60 yd.	17.2 oz./sq. yd.	54 in.
997778	NBE	Interlock Linen	42 x 14	60 yd.	17.2 oz./sq. yd.	54 in.
997741	ZAZ	Jazzy Raven	42 x 14	60 yd.	18.8 oz./sq. yd.	54 in.
997738	LHP	Jazzy Twilight	22 x 18	60 yd.	18.8 oz./sq. yd.	54 in.
997707	XZY	Kamali Limestone	25 x 20	60 yd.	18.9 oz./sq. yd.	54 in.
997767	OJX	Kozo Abalone	20 x 20	60 yd.	21 oz./sq. yd.	54 in.
997780	ZBY	Kozo Fossil	42 x 14	60 yd.	21 oz./sq. yd.	54 in.
997774	LIW	Kozo Jewel	42 x 20	60 yd.	21 oz./sq. yd.	54 in.
997856	ZHR	Matte Black Caneweave	42 x 20	60 yd.	17.2 oz./sq. yd.	54 in.
997857	LMN	Matte Navy Caneweave	42 x 20	60 yd.	17.2 oz./sq. yd.	54 in.
997858	NEK	Matte Niko Interlock	42 x 20	60 yd.	17.2 oz./sq. yd.	54 in.
997859	ZHS	Matte Ninja Caneweave	42 x 20	60 yd.	17.2 oz./sq. yd.	54 in.
997714	NG3	Montego	25 x 20	60 yd.	18.9 oz./sq. yd.	54 in.
997592	ET2	Napa Brindle	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997860	DDW	Napa Fern	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.



### Phifertex® Jacquards

Featuring decorative patterns, Phifertex Jacquards supply a high-end touch. They combine durable polyester with a protective vinyl coating for effective defense against wear and weather. The material also resists ripping and fading for long-term utility.

The main features of Phifertex mesh sling fabrics result from their built-in Microban® antimicrobial protection. It inhibits stain and odor-causing bacteria, mold, and mildew.

This product line is GREENGUARD® certified and made in the USA.

Some items are drop ship only.

Suggested uses: sling chairs and other sling outdoor furniture.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997808	LKQ	Broadway Wave	42 x 16	60 yd.	17 oz./sq. yd.	54 in.
997416	00U	Caribbean Palm	42 x 14	60 yd.	10.2 oz./sq. yd.	54 in.
997622	LFT	Cleo Harbor	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997621	DBX	Echo Opal	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997625	NW2	Fusion Chestnut	42 x 14	60 yd.	16.2 oz./sq. yd.	54 in.
997624	NW1	Fusion Maple	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997283	EH2	Grasscloth Bronze	30 x 14	60 yd.	11.7 oz./sq. yd.	54 in.
997246	CN0	Grasscloth Natural	30 x 14	60 yd.	11.7 oz./sq. yd.	54 in.

Items continue on next page.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997861	KEF	Napa Tawny	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997524	AB8	Natural	25 x 25	60 yd.	22 oz./sq. yd.	54 in.
997802	LKR	Nova Slate	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997525	XFG	Plata	25 x 25	60 yd.	21.1 oz./sq. yd.	54 in.
997722	LDD	Pria Tweed Indigo	25 x 25	60 yd.	21.1 oz./sq. yd.	54 in.
997530	DW6	Reflection Seaglass	25 x 25	60 yd.	15.9 oz./sq. yd.	54 in.
997779	ZBX	Sarasa Coal	42 x 14	60 yd.	17 oz./sq. yd.	54 in.
997488	LDY	Shelby Cadet Blue	42 x 20	60 yd.	15.9 oz./sq. yd.	54 in.
997518	#00V	Sisal Aluminum	25 x 25	60 yd.	21 oz./sq. yd.	54 in.
997514	#AK0	Sisal Tungsten	25 x 25	60 yd.	21 oz./sq. yd.	54 in.
997731	LFR	Terrace Malachite	42 x 14	60 yd.	18.7 oz./sq. yd.	54 in.
997590	KP4	Terrace Sienna	22 x 22	60 yd.	18.7 oz./sq. yd.	54 in.
997718	NG7	Tiki Glow	22 x 20	60 yd.	17.7 oz./sq. yd.	54 in.
997523	DB1	Turquesa	25 x 25	60 yd.	21.1 oz./sq. yd.	54 in.
997596	EM9	Veranda Nutmeg	25 x 20	60 yd.	18.9 oz./sq. yd.	54 in.
997716	NG5	Watercolor Tweed Glow	25 x 25	60 yd.	21 oz./sq. yd.	54 in.
997702	EX8	Watercolor Tweed Mocha	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997701	EX7	Watercolor Tweed Moth	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997700	OGA	Watercolor Tweed Oyster	22 x 22	60 yd.	18.6 oz./sq. yd.	54 in.
997719	NG8	Watercolor Tweed Pearly	25 x 25	60 yd.	21 oz./sq. yd.	54 in.

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## FABRIC UPHOLSTERY

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997839	NEP	Hadley Cedar	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997840	ZHW	Hadley Fossil	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997469	EM7	Island Palms Sadat	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997477	LDF	Lattice Greystone	22 x 18	60 yd.	15.9 oz./sq. yd.	54 in.
997841	OMI	Marion Millstone	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997476	LDF	Pompass Grass Indigo	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997764	LIM	Shatter Blue	42 x 14	60 yd.	15.5 oz./sq. yd.	54 in.
997750	ZBB	Solido Luxe	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997824	LLS	Steamline Azure	42 x 14	60 yd.	16.2 oz./sq. yd.	54 in.
997825	ZGF	Steamline Pewter	42 x 14	60 yd.	16.2 oz./sq. yd.	54 in.
997271	C03	Straw Mat Cognac	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997407	969	Sumba Mocha	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997412	OAG	Tropic Foliage	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997251	GP8	Valencia / Blue	30 x 14	60 yd.	11.7 oz./sq. yd.	54 in.
997205	Z44	Wild Orchid Black	42 x 14	60 yd.	15.5 oz./sq. yd.	54 in.
997842	OMJ	Woodgrain Teak Bone	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997843	ZHV	Woodgrain Teak Grey	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.
997844	NEN	Woodgrain Teak Tan	42 x 16	60 yd.	16.2 oz./sq. yd.	54 in.

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## Phifertex® Olefin/PVC Blends

This blended upholstery fabric combines the strength of vinyl-encapsulated polyester with the softness of olefin. With a suite of features, the fabric endures weather and repeated use. Choose from a range of modern designs.

Armed with Microban® antimicrobial protection, the material resists mold, mildew, bacteria, stains, and odors. It also defends against fading and tearing for lasting quality.

This product is made in the USA and GREENGUARD® certified.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: outdoor furniture, cushions, sling chairs.

<b>Fabric</b>	Vinyl Coated Polyester/Olefin Blend Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997832	NEQ	Crepe Latte	42 x 16	60 yd.	14.1 oz./sq. yd.	54 in.
997833	ZHX	Jewel Flint	42 x 16	60 yd.	14.1 oz./sq. yd.	54 in.
997834	NES	Jewel Pecan	42 x 16	60 yd.	14.1 oz./sq. yd.	54 in.
997835	NER	Jewel Stone	42 x 16	60 yd.	14.1 oz./sq. yd.	54 in.
997836	ZHY	Ventura Allow	42 x 18	60 yd.	17 oz./sq. yd.	54 in.
997837	NET	Ventura Granite	42 x 18	60 yd.	17 oz./sq. yd.	54 in.
997838	ZHZ	Ventura Pewter	42 x 18	60 yd.	17 oz./sq. yd.	54 in.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



# Sunsure®

Textilene® Sunsure is a specially formulated high strength fabric built to withstand fading, mildew, soiling, and wear and tear. Sunsure has up to a 92% shade factor making it the right choice for several outdoor applications. It is specially designed to remain vibrant and colorful for years even through continuous outdoor exposure and under the most severe weather conditions. Made with Twitchell's highly popular and world-renowned Textilene fabric, Sunsure is extruded with antimicrobial agents and is easy to clean.

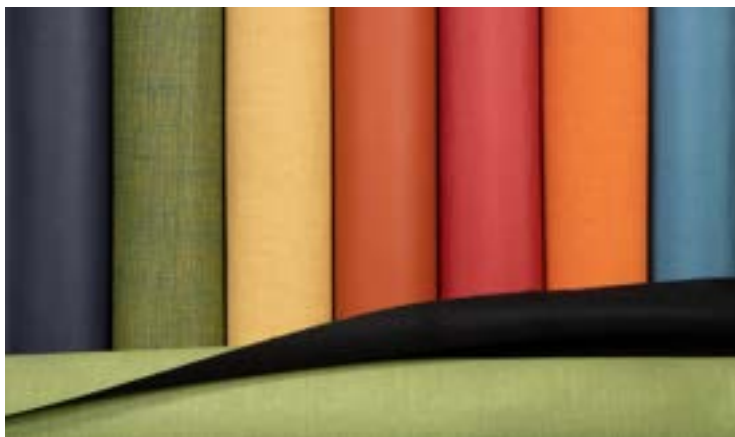
Suggested uses: Outdoor furniture/slings, awning, canvas, shade sails, umbrellas, and exterior shades.

<b>Fabric</b>	Vinyl Coated 500 Denier Polyester
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale).
<b>Warranty</b>	15-Year Limited Warranty for fixed and operable vertical shading, 3-Year Limited Warranty for all other uses

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
996000	T91HCT001	Linen	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996001	T91HCT008	Birch Forest	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996002	T91HCT009	Sierra Sands	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996003	T91NCS002	Dark Blue	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996004	T91NCS003	Suncast	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996007	T91NCS011	White	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996008	T91NCS012	Forest Green	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996011	T91NCS029	Black	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996012	T91NCS172	Yellow	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996013	T91NCS004	Royal Blue	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996014	T91HCT010	Autumn Fern	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996015	T91NCT003	Sea Isle Blue	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996019	T91NCS025	Mayan Teal	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996020	T91HCT023	Meridian	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996021	T91HCT024	Honey	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996022	T91HCT036	Greenlake	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996023	T91HCT037	Teal Crush	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996024	T91HCT038	Azure	38 x 12	60 yd.	15 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
996025	T91N5W100	Dense Titanium	38 x 12	45 yd.	15 oz./sq. yd.	54 in.
996026	T91NCS008	Dove Grey	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996027	T91NCS013	Alabaster	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996028	T91NCS057	Maroon	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996029	T91NCS059	Red	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996030	T91NCS065	Taupe	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996031	T91NCT020	Jade	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996032	T91NCT023	Ninja Grey	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996033	T91NCT027	Winter Wheat	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996034	T91NCT044	Orange Envy	38 x 12	60 yd.	15 oz./sq. yd.	54 in.
996035	T91NCT045	Limelight	38 x 12	60 yd.	15 oz./sq. yd.	54 in.

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## Aura Retreat

Aura Retreat fabrics are ideal for upholstery projects of any size. This luxury upholstery fabric line is equipped with resilient performance features.

Made from a polyester substrate with a phthalate-free PVC coating, this vinyl upholstery fabric resists fading, stains, cold crack, bleach, and mildew. The durable material is abrasion resistant and features a high tear strength and breaking strength. It is anti-bacterial and easy to clean. Aura Retreat is phthalate free, lead free, and BPA free for a reduced environmental impact. The fabric is IMO certified with a seam strength of 44 pounds or higher.

Suggested uses: indoor/outdoor furniture fabric for chairs, sofas, patio furniture, cushions.

<b>Fabric</b>	100% Polyester Brushed Knit
<b>Finish</b>	100% PVC (Phthalate Free)
<b>FR Standards Met</b>	California Technical Bulletin 117:13
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
733428	SCL-114	Apple	30 yd.	29 oz./lyd.	54 in.
733448	SCL-223	Apricot	30 yd.	29 oz./lyd.	54 in.
733450	SCL-225	Breeze	30 yd.	29 oz./lyd.	54 in.
733334	SCL-206ADF	Cameo	30 yd.	29 oz./lyd.	54 in.
733427	SCL-112	Caramel	30 yd.	29 oz./lyd.	54 in.
733435	SCL-208	Cascade	30 yd.	29 oz./lyd.	54 in.
733406	SCL-010	Chambord	30 yd.	29 oz./lyd.	54 in.
733424	SCL-040	Cloudburst	30 yd.	29 oz./lyd.	54 in.
733420	SCL-032	Cranberry	30 yd.	29 oz./lyd.	54 in.
733407	SCL-011	Custard	30 yd.	29 oz./lyd.	54 in.
733438	SCL-212	Delft	30 yd.	29 oz./lyd.	54 in.
733431	SCL-203	Fennel	30 yd.	29 oz./lyd.	54 in.
733432	SCL-204	Fossil	30 yd.	29 oz./lyd.	54 in.
733312	SCL-018ADF	Ganache	30 yd.	29 oz./lyd.	54 in.
733426	SCL-109	Gingerbread	30 yd.	29 oz./lyd.	54 in.
733422	SCL-035	Gourd	30 yd.	29 oz./lyd.	54 in.
733416	SCL-027	Ink	30 yd.	29 oz./lyd.	54 in.
733414	SCL-020	Lupine	30 yd.	29 oz./lyd.	54 in.
733433	SCL-205	Meringue	30 yd.	29 oz./lyd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
733443	SCL-218	Mosaic	30 yd.	29 oz./lyd.	54 in.
733446	SCL-221	Olive	30 yd.	29 oz./lyd.	54 in.
733402	SCL-005	Onyx	30 yd.	29 oz./lyd.	54 in.
733447	SCL-222	Oyster	30 yd.	29 oz./lyd.	54 in.
733442	SCL-217	Plum	30 yd.	29 oz./lyd.	54 in.
733410	SCL-015	Port	30 yd.	29 oz./lyd.	54 in.
733415	SCL-026	Pudding	30 yd.	29 oz./lyd.	54 in.
733418	SCL-030	Pumpkin	30 yd.	29 oz./lyd.	54 in.
733345	SCL-220ADF	Raincloud	30 yd.	29 oz./lyd.	54 in.
733421	SCL-034	Redwood	30 yd.	29 oz./lyd.	54 in.
733417	SCL-029	Reed	30 yd.	29 oz./lyd.	54 in.
733444	SCL-219	Riverbed	30 yd.	29 oz./lyd.	54 in.
733425	SCL-041	Sable	30 yd.	29 oz./lyd.	54 in.
733411	SCL-016	Sand	30 yd.	29 oz./lyd.	54 in.
733340	SCL-215ADF	Shore	30 yd.	29 oz./lyd.	54 in.
733408	SCL-012	Sienna	30 yd.	29 oz./lyd.	54 in.
733419	SCL-031	Skyline	30 yd.	29 oz./lyd.	54 in.
733437	SCL-211	Spice	30 yd.	29 oz./lyd.	54 in.
733430	SCL-202	Spruce	30 yd.	29 oz./lyd.	54 in.
733439	SCL-214	Steel	30 yd.	29 oz./lyd.	54 in.
733401	SCL-003	Tomato	30 yd.	29 oz./lyd.	54 in.
733436	SCL-210	Treetop	30 yd.	29 oz./lyd.	54 in.
733423	SCL-036	Twig	30 yd.	29 oz./lyd.	54 in.
733441	SCL-216	Vortex	30 yd.	29 oz./lyd.	54 in.

## BellBloc® 100 Fabric Liner

BellBloc 100 is a specially designed PET (polyester) woven fabric liner system that features a soft touch. The water-repellent fabric shields the foam insert from external elements. The cushion liner acts as a barrier against mold, mildew, oil, and stains. It offers 25-40% improved moisture repellency over the industry standard.

Breathable and lightweight, the liner features low strength loss to UV rays and heat. Uniquely engineered to reduce foam compression loss, BellBloc extends the longevity of the fabricated piece. This makes it great for pillows, furniture, cushions, and seat backs for outdoor, commercial, and residential markets. It can be sewn or attached using sonic bonding. It also works well for patterning.

Suitable with woven or vinyl material.

<b>Fabric</b>		Polyester	
<b>Item Number</b>	<b>Put Up</b>	<b>Weight</b>	<b>Width</b>
734599	50 yd.	2.65 oz./sq. yd.	60"

BellBloc® is a registered trademark of BellTex, LLC.



## BellBloc® 68 Fabric Liner

BellBloc 68 is an advanced PET (polyester) non-woven fabric liner system. The hydrophobic fabric protects the foam insert from exterior contaminants. The water-repellent cushion liner acts as a barrier against oil, stains, mold, and mildew. It offers 25-40% improved moisture repellency over industry competitors.

Lightweight and breathable, it features minimal strength loss to heat and UV rays. Specially developed to reduce the loss of foam compression, it extends the life of the fabricated piece. This makes BellBloc ideal for cushions, seat backs, furniture, and pillows for outdoor, commercial, and residential markets. The liner can be sewn or attached with sonic bonding. It also works well for patterning.

Suitable with vinyl or woven material.

<b>Fabric</b>		Polyester	
<b>Item Number</b>	<b>Put Up</b>	<b>Weight</b>	<b>Width</b>
734598	50 yd.	2.01 oz./sq. yd.	54-56"

BellBloc® is a registered trademark of BellTex, LLC.





## Sunbrella® Marine Solids 46 in.

A popular choice for marine use, this fabric is built for the outdoors. The easycare material provides excellent weather, water, fade, and mildew resistance. Unlike other performance fibers, Sunbrella is flexible and easy to handle. Choose from a wide range of vivid solid colors in Marine 46-inch Solids. Pair with Sunbrella upholstery fabrics for a unified look. Sunbrella makes it easy to craft beautiful designs that stand up to the elements.

Suggested uses: boat covers, bimini covers, enclosures, marine canvas, sail covers.

Note: Sunbrella Silica fabrics are distinctly different from front to back. Either side is usable. Please be consistent in orientation.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
874612	4612-0000	Aruba	60 yd.	9 oz./sq. yd.	46 in.
874688	4688-0000	Basil	60 yd.	9 oz./sq. yd.	46 in.
874620	4620-0000	Beige	60 yd.	9 oz./sq. yd.	46 in.
874608	4608-0000	Black	60 yd.	9 oz./sq. yd.	46 in.
874631	4631-0000	Burgundy	60 yd.	9 oz./sq. yd.	46 in.
874630	4630-0000	Cadet Grey	60 yd.	9 oz./sq. yd.	46 in.
874675	4675-0000	Capri	60 yd.	9 oz./sq. yd.	46 in.
874646	4646-0000	Captain Navy	60 yd.	9 oz./sq. yd.	46 in.
874644	4644-0000	Charcoal Grey	60 yd.	9 oz./sq. yd.	46 in.
874607	4607-0000	Charcoal Tweed	60 yd.	9 oz./sq. yd.	46 in.

Item Number	Style Number	Color	Put Up	Weight	Width
875709	14609-0000	Cloud	60 yd.	9 oz./sq. yd.	46 in.
874676	4676-0000	Cocoa	60 yd.	9 oz./sq. yd.	46 in.
874662	4662-0000	Crest Ash	60 yd.	9 oz./sq. yd.	46 in.
874660	4660-0000	Crest Birch	60 yd.	9 oz./sq. yd.	46 in.
874606	4606-0000	Dubonnet Tweed	60 yd.	9 oz./sq. yd.	46 in.
874600	4600-0000	Erin Green	60 yd.	9 oz./sq. yd.	46 in.
874671	4671-0000	Fern	60 yd.	9 oz./sq. yd.	46 in.
874637	4637-0000	Forest Green	60 yd.	9 oz./sq. yd.	46 in.
874672	4672-0000	Heather Beige	60 yd.	9 oz./sq. yd.	46 in.
874605	4605-0000	Hemlock Tweed	60 yd.	9 oz./sq. yd.	46 in.
875613	14613-0000	Hogan Admiral	60 yd.	9 oz./sq. yd.	46 in.
875612	14612-0000	Hogan Artic	60 yd.	9 oz./sq. yd.	46 in.
875616	14616-0000	Hogan Carob	60 yd.	9 oz./sq. yd.	46 in.
875617	14617-0000	Hogan Flame	60 yd.	9 oz./sq. yd.	46 in.
875611	14611-0000	Hogan Marina	60 yd.	9 oz./sq. yd.	46 in.
875615	14615-0000	Hogan Sparrow	60 yd.	9 oz./sq. yd.	46 in.
875614	14614-0000	Hogan Walnut	60 yd.	9 oz./sq. yd.	46 in.
874532	4632-0000	Ivy	60 yd.	9 oz./sq. yd.	46 in.
874603	4603-0000	Jockey Red	60 yd.	9 oz./sq. yd.	46 in.
874633	4633-0000	Linen	60 yd.	9 oz./sq. yd.	46 in.
874654	4654-0000	Linen Tweed	60 yd.	9 oz./sq. yd.	46 in.
874666	4666-0000	Logo Red	60 yd.	9 oz./sq. yd.	46 in.
874678	4678-0000	Marine Blue	60 yd.	9 oz./sq. yd.	46 in.
874652	4652-0000	Mediterranean Blue	60 yd.	9 oz./sq. yd.	46 in.
874653	4653-0000	Mediterranean Blue Tweed	60 yd.	9 oz./sq. yd.	46 in.
874616	4616-0000	Mocha Tweed	60 yd.	9 oz./sq. yd.	46 in.
874604	4604-0000	Natural	60 yd.	9 oz./sq. yd.	46 in.
874626	4626-0000	Navy	60 yd.	9 oz./sq. yd.	46 in.
874679	4679-0000	Ocean Blue	60 yd.	9 oz./sq. yd.	46 in.
874609	4609-0000	Orange	60 yd.	9 oz./sq. yd.	46 in.
874642	4642-0000	Oyster	60 yd.	9 oz./sq. yd.	46 in.
874601	4601-0000	Pacific Blue	60 yd.	9 oz./sq. yd.	46 in.
874683	4683-0000	Parchment	60 yd.	9 oz./sq. yd.	46 in.
874617	4617-0000	Royal Blue Tweed	60 yd.	9 oz./sq. yd.	46 in.
874641	4641-0000	Sapphire Blue	60 yd.	9 oz./sq. yd.	46 in.
874664	4664-0000	Sea	60 yd.	9 oz./sq. yd.	46 in.
874897	4897-0000	Silica Charcoal	60 yd.	9 oz./sq. yd.	46 in.
874859	4859-0000	Silica Dune	60 yd.	9 oz./sq. yd.	46 in.
874670	4833-0000	Silica Gravel	60 yd.	9 oz./sq. yd.	46 in.
874860	4860-0000	Silica Sesame	60 yd.	9 oz./sq. yd.	46 in.
874862	4862-0000	Silica Silver	60 yd.	9 oz./sq. yd.	46 in.
874861	4861-0000	Silica Stone	60 yd.	9 oz./sq. yd.	46 in.
874651	4651-0000	Silver	60 yd.	9 oz./sq. yd.	46 in.
874624	4624-0000	Sky Blue	60 yd.	9 oz./sq. yd.	46 in.
874684	4684-0000	Slate	60 yd.	9 oz./sq. yd.	46 in.



## Sunbrella® Marine Solids 60 in.

Popular in marine applications, this fabric is built for the outdoors. The easymaintenance material fights fading, weather, water, and mildew. Unlike other technical fabrics, Sunbrella is flexible and easy to handle. Select from a wide variety of bold solid colors in Marine 60-inch Solids. Coordinate with Sunbrella upholstery fabrics for a sleek look. Sunbrella makes it easy to create beautiful designs that outperform the elements.

Suggested uses: boat covers, bimini covers, enclosures, marine canvas, sail covers.

Note: Sunbrella Silica fabrics are distinctly different from front to back. Either side is usable. Please be consistent in orientation.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
721760	6023-0000	Aquamarine	60 yd.	9 oz./sq. yd.	60 in.
721766	6012-0000	Aruba	60 yd.	9 oz./sq. yd.	60 in.
721790	6020-0000	Beige	60 yd.	9 oz./sq. yd.	60 in.
721755	6008-0000	Black	60 yd.	9 oz./sq. yd.	60 in.
721765	6031-0000	Burgundy	60 yd.	9 oz./sq. yd.	60 in.
721764	6030-0000	Cadet Grey	60 yd.	9 oz./sq. yd.	60 in.
721809	6075-0000	Capri	60 yd.	9 oz./sq. yd.	60 in.
721780	6046-0000	Captain Navy	60 yd.	9 oz./sq. yd.	60 in.
721778	6044-0000	Charcoal Grey	60 yd.	9 oz./sq. yd.	60 in.
721747	6007-0000	Charcoal Tweed	60 yd.	9 oz./sq. yd.	60 in.
721845	6064-0000	Cloud	60 yd.	9 oz./sq. yd.	60 in.
721810	6076-0000	Cocoa	60 yd.	9 oz./sq. yd.	60 in.
721799	6065-0000	Concord	60 yd.	9 oz./sq. yd.	60 in.
721754	6006-0000	Dubonnet Tweed	60 yd.	9 oz./sq. yd.	60 in.
721745	6000-0000	Erin Green	60 yd.	9 oz./sq. yd.	60 in.
721805	6071-0000	Fern	60 yd.	9 oz./sq. yd.	60 in.
721771	6037-0000	Forest Green	60 yd.	9 oz./sq. yd.	60 in.
721806	6072-0000	Heather Beige	60 yd.	9 oz./sq. yd.	60 in.

Items continue on next page.

Item Number	Style Number	Color	Put Up	Weight	Width
874615	4615-0000	Smoke	60 yd.	9 oz./sq. yd.	46 in.
874669	4636-0000	Storm	60 yd.	9 oz./sq. yd.	46 in.
874602	4602-0000	Sunflower Yellow	60 yd.	9 oz./sq. yd.	46 in.
874648	4648-0000	Taupe	60 yd.	9 oz./sq. yd.	46 in.
874622	4622-0000	Terracotta	60 yd.	9 oz./sq. yd.	46 in.
874628	4628-0000	Toast	60 yd.	9 oz./sq. yd.	46 in.
875618	14618-0000	Toast Tweed	60 yd.	9 oz./sq. yd.	46 in.
874696	4696-0000	Tresco Birch	60 yd.	9 oz./sq. yd.	46 in.
874695	4695-0000	Tresco Linen	60 yd.	9 oz./sq. yd.	46 in.
874621	4621-0000	True Brown	60 yd.	9 oz./sq. yd.	46 in.
874610	4610-0000	Turquoise	60 yd.	9 oz./sq. yd.	46 in.
874677	4677-0000	Tuscan	60 yd.	60 yd.	46 in.
874618	4618-0000	Walnut Brown Tweed	60 yd.	60 yd.	46 in.
874680	4634-0000	White	60 yd.	60 yd.	60 yd.

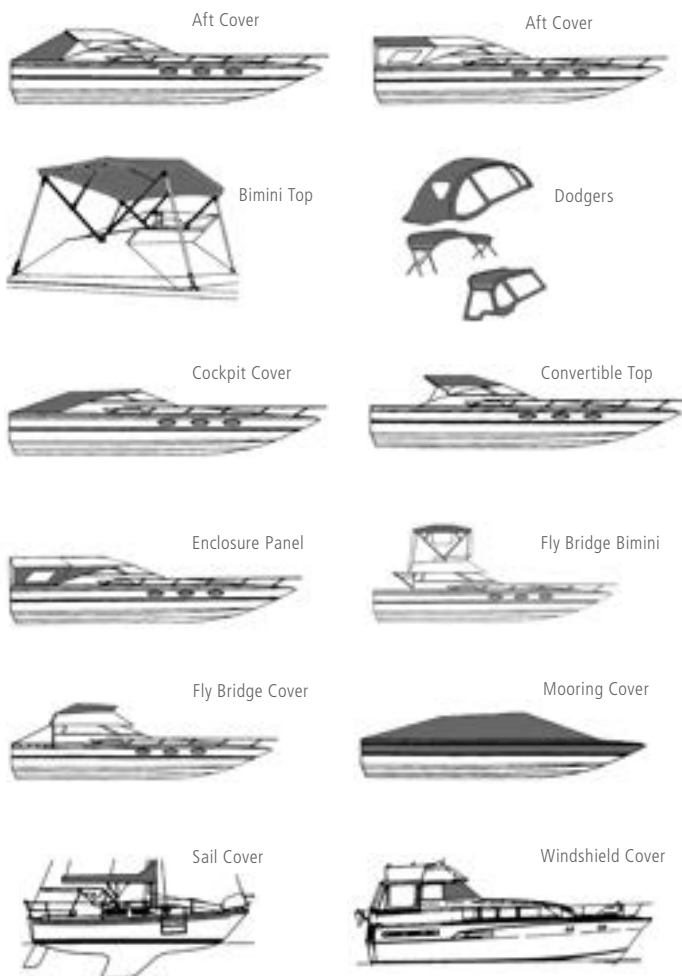
Sunbrella® is a registered trademark of Glen Raven, Inc.

Item Number	Style Number	Color	Put Up	Weight	Width
721753	6005-0000	Hemlock Tweed	60 yd.	9 oz./sq. yd.	60 in.
721832	6032-0000	Ivy	60 yd.	9 oz./sq. yd.	60 in.
721751	6003-0000	Jockey Red	60 yd.	9 oz./sq. yd.	60 in.
721767	6033-0000	Linen	60 yd.	9 oz./sq. yd.	60 in.
721788	6054-0000	Linen Tweed	60 yd.	9 oz./sq. yd.	60 in.
721800	6066-0000	Logo Red	60 yd.	9 oz./sq. yd.	60 in.
721812	6078-0000	Marine Blue	60 yd.	9 oz./sq. yd.	60 in.
721786	6052-0000	Mediterranean Blue	60 yd.	9 oz./sq. yd.	60 in.
721787	6053-0000	Mediterranean Blue Tweed	60 yd.	9 oz./sq. yd.	60 in.
721912	6036-0000	Midnight	60 yd.	9 oz./sq. yd.	60 in.
721752	6004-0000	Natural	60 yd.	9 oz./sq. yd.	60 in.
721762	6026-0000	Navy	60 yd.	9 oz./sq. yd.	60 in.
721813	6079-0000	Ocean Blue	60 yd.	9 oz./sq. yd.	60 in.
721741	6009-0000	Orange	60 yd.	9 oz./sq. yd.	60 in.
721776	6042-0000	Oyster	60 yd.	9 oz./sq. yd.	60 in.
721750	6001-0000	Pacific Blue	60 yd.	9 oz./sq. yd.	60 in.
721817	6083-0000	Parchment	60 yd.	9 oz./sq. yd.	60 in.
721777	6043-0000	Persian Green	60 yd.	9 oz./sq. yd.	60 in.
721757	6017-0000	Royal Blue Tweed	60 yd.	9 oz./sq. yd.	60 in.
721775	6041-0000	Sapphire Blue	60 yd.	9 oz./sq. yd.	60 in.
721907	6059-0000	Silica Dune	60 yd.	9 oz./sq. yd.	60 in.
721908	6063-0000	Silica Gravel	60 yd.	9 oz./sq. yd.	60 in.
721910	6062-0000	Silica Silver	60 yd.	9 oz./sq. yd.	60 in.
721911	6061-0000	Silica Stone	60 yd.	9 oz./sq. yd.	60 in.
721785	6051-0000	Silver	60 yd.	9 oz./sq. yd.	60 in.
721761	6024-0000	Sky Blue	60 yd.	9 oz./sq. yd.	60 in.
721818	6084-0000	Slate	60 yd.	9 oz./sq. yd.	60 in.
721815	6015-0000	Smoke	60 yd.	9 oz./sq. yd.	60 in.
721746	6002-0000	Sunflower Yellow	60 yd.	9 oz./sq. yd.	60 in.
721782	6048-0000	Taupe	60 yd.	9 oz./sq. yd.	60 in.
721744	6022-0000	Terracotta	60 yd.	9 oz./sq. yd.	60 in.
721763	6028-0000	Toast	60 yd.	9 oz./sq. yd.	60 in.
721872	2389-0060	Toast Tweed	60 yd.	9 oz./sq. yd.	60 in.
721827	6096-0000	Tresco Birch	60 yd.	9 oz./sq. yd.	60 in.
721826	6095-0000	Tresco Linen	60 yd.	9 oz./sq. yd.	60 in.
721759	6021-0000	True Brown	60 yd.	9 oz./sq. yd.	60 in.
721748	6010-0000	Turquoise	60 yd.	9 oz./sq. yd.	60 in.
721811	6077-0000	Tuscan	60 yd.	9 oz./sq. yd.	60 in.
721758	6018-0000	Walnut Brown Tweed	60 yd.	9 oz./sq. yd.	60 in.
721796	6034-0000	White	60 yd.	9 oz./sq. yd.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc

# STANDARD MARINE STYLES

(Courtesy of The Marine Fabricators Association)







## Sunbrella® SeaMark®

Sunbrella SeaMark is a premium, exterior-grade marine fabric. The shade fabric stands out from the rest by uniquely bonding Sunbrella acrylic fabric to a color-matched, marine-grade PVC beneath. The top features a durable, fluorocarbon finish while the back is embossed with a textured, burbank-grain (fabric look) coat. Both sides are waterproof and mildew resistant for complete protection.

Suggested uses: boat tops, cockpit enclosures, biminis, dodgers, T-tops, and boat covers

<b>Fabric</b>	100% Sunbrella® Acrylic Bonded to Vinyl
<b>Finish</b>	Top: Fluorocarbon Finish. Back: Textured Marine Grade Vinyl for Waterproof Finish.
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
726895	2095-0063	Black	50 yd.	16 oz./sq. yd.	60 in.
726897	2097-0063	Cadet Grey	50 yd.	16 oz./sq. yd.	60 in.
726898	2098-0063	Captain Navy	50 yd.	16 oz./sq. yd.	60 in.
726910	2110-0063	Charcoal Grey	50 yd.	16 oz./sq. yd.	60 in.
726905	2105-0063	Charcoal Tweed	50 yd.	16 oz./sq. yd.	60 in.
726902	2102-0063	Dubonnet Tweed	50 yd.	16 oz./sq. yd.	60 in.
726899	2099-0063	Hemlock Tweed	50 yd.	16 oz./sq. yd.	60 in.
726904	2104-0063	Linen	50 yd.	16 oz./sq. yd.	60 in.
726896	2096-0063	Linen Tweed	50 yd.	16 oz./sq. yd.	60 in.
726907	2107-0063	Navy	50 yd.	16 oz./sq. yd.	60 in.
726901	2101-0063	Oyster	50 yd.	16 oz./sq. yd.	60 in.
726903	2103-0063	Royal Blue Tweed	50 yd.	16 oz./sq. yd.	60 in.
726900	2100-0063	Toast Tweed	50 yd.	16 oz./sq. yd.	60 in.

SeaMark® is a registered trademark of the Haartz Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.

## Sunbrella® Marine Solids 80 in.

A popular pick for marine use, this fabric is developed for the outdoors. The easy-care material combats weather, fading, water, and mildew. Unlike other performance fabrics, Sunbrella is flexible and easy to work with. Choose from a wide assortment of high-depth solid colors in Marine 80-inch Solids. The wider width makes it ideal for larger projects. Pair with Sunbrella upholstery fabrics for a streamlined look. Sunbrella makes it easy to craft stunning designs that outlast the elements.

Suggested uses: boat covers, bimini covers, enclosures, marine canvas, sail covers.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
722308	80008-0000	Black	50 yd.	9 oz./sq. yd.	80 in.
722330	80030-0000	Cadet Grey	50 yd.	9 oz./sq. yd.	80 in.
722346	80046-0000	Captain Navy	50 yd.	9 oz./sq. yd.	80 in.
722301	80001-0000	Pacific Blue	50 yd.	9 oz./sq. yd.	80 in.
722328	80028-0000	Toast	50 yd.	9 oz./sq. yd.	80 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Dickson® North American Collection Solids

The Dickson North American collection offers timeless style and high-performance fabrics. Choose from a vast selection of water-repellent, mildew-resistant fabrics in solid shades. Its special finish delays the formation and buildup of mildew. This fabric is colorfast, durable, and heat sealable.

Suggested uses: boat covers, bimini covers, enclosures, marine canvas, and sail covers.

<b>Fabric</b>	100% Solution Dyed Acrylic
<b>Finish</b>	Water Repellent
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
895896	U136	Alabaster Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895104	7244	Amande (Avocado)	65 yd.	8.55 oz./sq. yd.	47 in.
895909	U388	Azure	65 yd.	8.55 oz./sq. yd.	47 in.
895895	U095	Basalt Chiné	65 yd.	8.55 oz./sq. yd.	47 in.
895894	8902	Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895899	U189	Beige Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895170	6028	Black	65 yd.	8.55 oz./sq. yd.	47 in.
895208	U224	Brownie	65 yd.	8.55 oz./sq. yd.	47 in.
895206	8206	Burgundy	65 yd.	8.55 oz./sq. yd.	47 in.
895171	U171	Carbon	65 yd.	8.55 oz./sq. yd.	47 in.
895916	U411	Carmine	65 yd.	8.55 oz./sq. yd.	47 in.
895137	7554	Cassis	65 yd.	8.55 oz./sq. yd.	47 in.
895910	U389	Chalk Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895891	7330	Charcoal Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895908	U387	Clay	65 yd.	8.55 oz./sq. yd.	47 in.
895207	8238	Deep Navy	65 yd.	8.55 oz./sq. yd.	47 in.
895135	0681	Dune	65 yd.	8.55 oz./sq. yd.	47 in.
895902	U321	Fern	65 yd.	8.55 oz./sq. yd.	47 in.
895062	U104	Flanelle Gray	65 yd.	8.55 oz./sq. yd.	47 in.
895220	6687	Forest Green	65 yd.	8.55 oz./sq. yd.	47 in.
895898	U140	Gazelle Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895061	U105	Gold	65 yd.	8.55 oz./sq. yd.	47 in.
895175	6088	Gray	65 yd.	8.55 oz./sq. yd.	47 in.
895900	U190	Grey Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895903	U335	Gypsum	65 yd.	8.55 oz./sq. yd.	47 in.
895893	8779	Heather Chiné	65 yd.	8.55 oz./sq. yd.	47 in.
895918	U414	Honey	65 yd.	8.55 oz./sq. yd.	47 in.
895920	U417	Larch	65 yd.	8.55 oz./sq. yd.	47 in.
895063	8396	Lead Chine	65 yd.	8.55 oz./sq. yd.	47 in.
895060	8904	Linen	65 yd.	8.55 oz./sq. yd.	47 in.
895907	U373	Macadam Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895919	U415	Maize	65 yd.	8.55 oz./sq. yd.	47 in.

## Sunbrella® Plus 60 in.

Sunbrella Plus is a marine fabric with a durable polyurethane undercoating for outstanding water repellency.

Suggested uses: boat covers, bimini covers, T-tops, dodgers, enclosures, exterior storage.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent Backing
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
728408	8408-0000	Black	60 yd.	10 oz./sq. yd.	60 in.
728430	8430-0000	Cadet Grey	60 yd.	10 oz./sq. yd.	60 in.
728446	8446-0000	Captain Navy	60 yd.	10 oz./sq. yd.	60 in.
728404	8404-0000	Natural	60 yd.	10 oz./sq. yd.	60 in.
728428	8428-0000	Toast	60 yd.	10 oz./sq. yd.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

## Sunbrella® Plus 80 in.

Sunbrella Plus is a marine fabric with a durable polyurethane undercoating for outstanding water repellency.

Suggested uses: boat covers, bimini covers, T-tops, dodgers, enclosures, exterior storage.

<b>Fabric</b>	100% Sunbrella® Acrylic
<b>Finish</b>	Water Repellent Backing
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
728508	84008-0000	Black	50 yd.	10 oz./sq. yd.	80 in.
728530	84030-0000	Cadet Grey	50 yd.	10 oz./sq. yd.	80 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Hydrofend®

Hydrofend outperforms uncoated fabrics with up to six times greater water repellency while still maintaining breathability. The marine fabric is made from solution-dyed polyester for outdoor performance and color retention. Equipped to handle demanding applications, Hydrofend features a high tear strength, break strength, and double rub count. The proprietary solvent coating on the back of the boat fabric blocks moisture, protects surfaces from abrasion, and prevents fraying. The face of the marine fabric features an attractive matte, woven look.

Hydrofend coated fabric is resistant to cold crack and does not accumulate mold or mildew. This allows powerful, lasting protection in any climate. Lightweight and functional, the water-repellent boat cover fabric is bleach cleanable. It packs, stores, and tows easily without damage. Made in the USA.

Suggested uses: boat covers, bimini tops and other boat tops, boat enclosures, storage covers, or furniture covers.

<b>Fabric</b>	Solution-dyed Polyester
<b>Finish</b>	Solvent Coating on Back
<b>Warranty</b>	5-Year / 3-Year Deep Maroon and Radiant Red

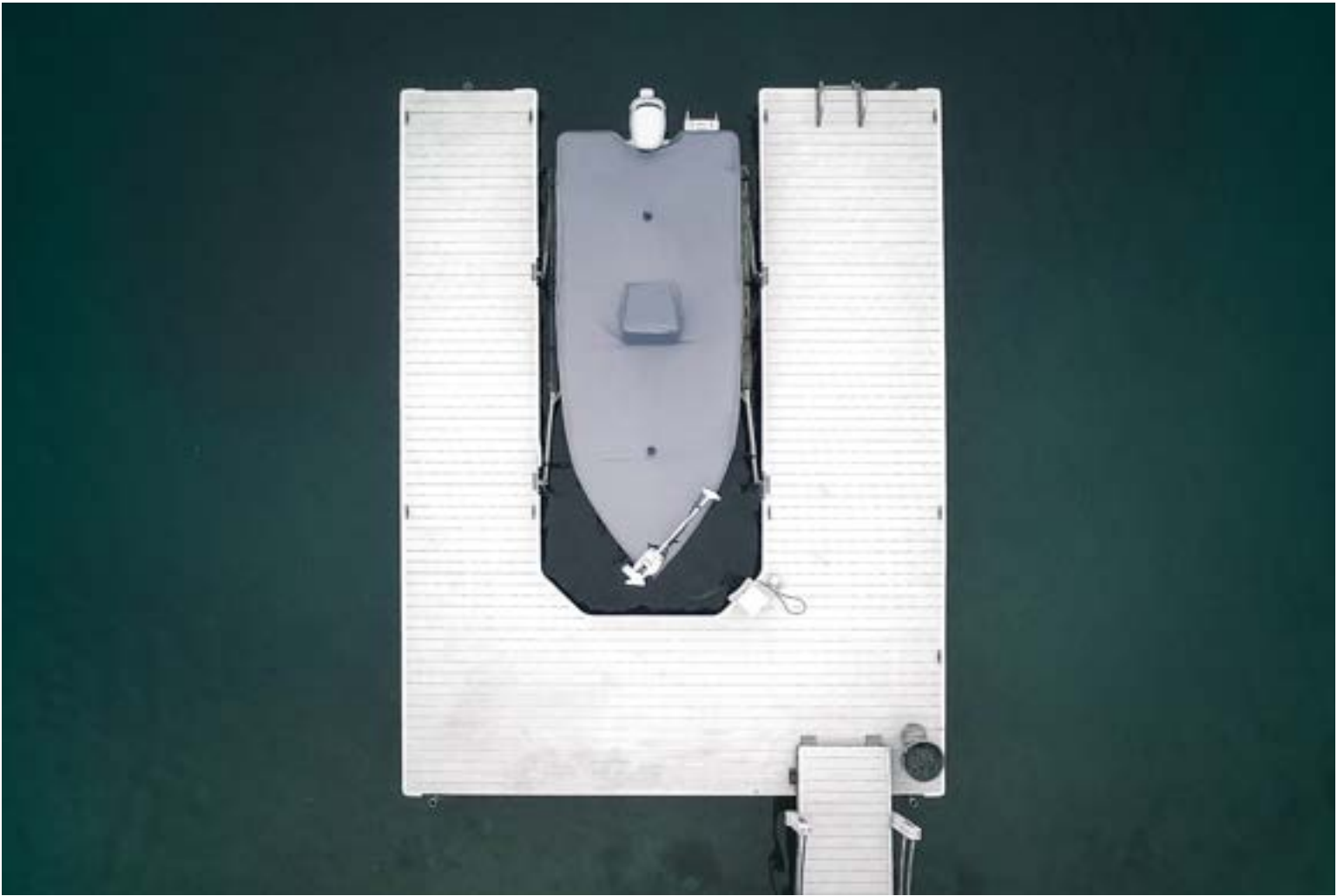
Item Number	Style Number	Color	Put Up	Weight	Width
777132	38515-0000	Admiral Navy	100 yd.	8 oz./sq. yd.	60 in.
777138	38490-0000	Amazon Green	100 yd.	8 oz./sq. yd.	60 in.
777134	38545-0000	Bold Black	100 yd.	8 oz./sq. yd.	60 in.
777136	38710-0000	Bronze Taupe	100 yd.	8 oz./sq. yd.	60 in.
777137	38650-0000	Deep Maroon	100 yd.	8 oz./sq. yd.	60 in.
777133	38530-0000	Desert Beige	100 yd.	8 oz./sq. yd.	60 in.
777135	38585-0000	Iron Grey	100 yd.	8 oz./sq. yd.	60 in.
777141	38380-0000	Mahogany Brown	100 yd.	8 oz./sq. yd.	60 in.
777130	38420-0000	Meteor Grey	100 yd.	8 oz./sq. yd.	60 in.
777131	38430-0000	Military Tan	100 yd.	8 oz./sq. yd.	60 in.
777139	38390-0000	Olympic Blue	100 yd.	8 oz./sq. yd.	60 in.
777145	38690-0000	Radiant Red	100 yd.	8 oz./sq. yd.	60 in.

Hydrofend® is a registered trademark of Glen Raven, Inc.

Item Number	Style Number	Color	Put Up	Weight	Width
895914	U409	Marble	65 yd.	8.55 oz./sq. yd.	47 in.
895897	U137	Mink Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895915	U410	Mocha	65 yd.	8.55 oz./sq. yd.	47 in.
895103	7133	Natural	65 yd.	8.55 oz./sq. yd.	47 in.
895160	6022	Navy Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895107	7264	Ocean Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895221	U814	Olive	65 yd.	8.55 oz./sq. yd.	47 in.
895115	0018	Orange	65 yd.	8.55 oz./sq. yd.	47 in.
895906	U370	Papyrus Tweed	65 yd.	8.55 oz./sq. yd.	47 in.
895202	3914	Paris Red	65 yd.	8.55 oz./sq. yd.	47 in.
895892	7972	Pearl	65 yd.	8.55 oz./sq. yd.	47 in.
895905	U343	Pepper	65 yd.	8.55 oz./sq. yd.	47 in.
895127	7552	Pewter	65 yd.	8.55 oz./sq. yd.	47 in.
895912	U407	Platinum	65 yd.	8.55 oz./sq. yd.	47 in.
895917	U413	Pumpkin	65 yd.	8.55 oz./sq. yd.	47 in.
895155	6020	Raw	65 yd.	8.55 oz./sq. yd.	47 in.
895117	7548	Raw Tweed / Beige	65 yd.	8.55 oz./sq. yd.	47 in.
895120	0020	Red	65 yd.	8.55 oz./sq. yd.	47 in.
895110	0017	Royal Blue	65 yd.	8.55 oz./sq. yd.	47 in.
895226	8203	Slate	65 yd.	8.55 oz./sq. yd.	47 in.
895911	U406	Steel	65 yd.	8.55 oz./sq. yd.	47 in.
895203	6196	Stone	65 yd.	8.55 oz./sq. yd.	47 in.
895904	U337	Suede	65 yd.	8.55 oz./sq. yd.	47 in.
895152	7559	Taupe	65 yd.	8.55 oz./sq. yd.	47 in.
895901	U235	Thatch	65 yd.	8.55 oz./sq. yd.	47 in.
895913	U408	Titanium	65 yd.	8.55 oz./sq. yd.	47 in.
895101	0001	White	65 yd.	8.55 oz./sq. yd.	47 in.
895190	6316	Yellow	65 yd.	8.55 oz./sq. yd.	47 in.

Dickson® is a registered trademark of Glen Raven, Inc.





## Aqualon® Edge

Aqualon Edge is an exclusive product from Trivantage®, featuring Perfecta Marine® technology. Aqualon Edge with Perfecta Marine technology provides superior heat reduction and heat reflection, and exceptional UV performance. Featuring innovative technology and these enhanced benefits, Trivantage offers an industry leading 7-year warranty for this hybrid coated fabric.

Because Aqualon Edge is not a breathable fabric, the use of vents when fabricating mooring covers is recommended. This fabric is non-flame retardant, and should not be exposed to direct flame or extreme heat.

Suggested uses: marine tops, cockpit covers, enclosures, biminis, and boat covers.

<b>Fabric</b>	Vinyl Resin Top Coated, Two-Ply Polyester Duck
<b>Finish</b>	Top: Vinyl Resin. Underside: Durable Water Repellent
<b>Warranty</b>	7-Year

Item Number	Style Number	Color	Put Up	Weight	Width
776217	5917	Alpine White	65 yd.	8.75 oz./sq. yd.	60 in.
776207	5907	Apple Red	65 yd.	8.75 oz./sq. yd.	60 in.
776244	5944	Atlantic Blue	65 yd.	8.75 oz./sq. yd.	60 in.
776268	5968	Basic Beige	65 yd.	8.75 oz./sq. yd.	60 in.
776200	5900	Black Onyx	65 yd.	8.75 oz./sq. yd.	60 in.

Item Number	Style Number	Color	Put Up	Weight	Width
776209	5909	Cabernet	65 yd.	8.75 oz./sq. yd.	60 in.
776218	5918	Charcoal Grey	65 yd.	8.75 oz./sq. yd.	60 in.
776213	5913	Cherry Red	65 yd.	8.75 oz./sq. yd.	60 in.
776242	5942	Classic Silver	65 yd.	8.75 oz./sq. yd.	60 in.
776208	5908	Coastal Ivory	65 yd.	8.75 oz./sq. yd.	60 in.
776269	5969	Indigo Blue	65 yd.	8.75 oz./sq. yd.	60 in.
776203	5903	Ivy Green	65 yd.	8.75 oz./sq. yd.	60 in.
776221	5921	Mountain Taupe	65 yd.	8.75 oz./sq. yd.	60 in.
776228	5928	Nautical Navy	65 yd.	8.75 oz./sq. yd.	60 in.
776225	5925	Oxford Tan	65 yd.	8.75 oz./sq. yd.	60 in.
776205	5905	Scarlet	65 yd.	8.75 oz./sq. yd.	60 in.
776271	5971	Slate Grey	65 yd.	8.75 oz./sq. yd.	60 in.
776249	5949	Toast	65 yd.	8.75 oz./sq. yd.	60 in.
776212	5912	True Blue	65 yd.	8.75 oz./sq. yd.	60 in.
776204	5904	True Teal	65 yd.	8.75 oz./sq. yd.	60 in.

Aqualon® and Trivantage® are registered trademarks of Glen Raven, Inc. Perfecta Marine® is a registered trademark of Woodhead, LLC.



## HarborTime® Edge

HarborTime Edge is an exclusive product from Trivantage® featuring Perfecta Marine® technology, providing superior heat reduction, heat reflection, and exceptional UV performance. This highly water repellent, mildew and UV resistant fabric offers superior strength and long-lasting color. Stabilized for minimum stretch or shrinkage will ensure continuous fit throughout application. Offered with an industry leading 7-year warranty.

Because HarborTime is not a breathable fabric, the use of vents when fabricating mooring covers is recommended. This fabric is non-flame retardant, and should not be exposed to direct flame or extreme heat.

Suggested uses: marine tops, cockpit covers, enclosures, biminis, and boat covers.

<b>Fabric</b>	Pigmented Vinyl Coated Polyester
<b>Finish</b>	Pigmented Vinyl Coated
<b>Warranty</b>	7-Year

Item Number	Color	Put Up	Weight	Width
775943	Alpine White	50 yd.	11 oz./sq. yd.	60 in.
775936	Antique Beige	50 yd.	11 oz./sq. yd.	60 in.
775940	Beige Suede	50 yd.	11 oz./sq. yd.	60 in.
775941	Cardinal Red	50 yd.	11 oz./sq. yd.	60 in.
775942	Chestnut	50 yd.	11 oz./sq. yd.	60 in.
775933	Cordovan	50 yd.	11 oz./sq. yd.	60 in.
775930	Driftwood	50 yd.	11 oz./sq. yd.	60 in.
775939	Mallard Green	50 yd.	11 oz./sq. yd.	60 in.
775937	Nautical Blue	50 yd.	11 oz./sq. yd.	60 in.
775929	Navy	50 yd.	11 oz./sq. yd.	60 in.
775938	Onyx	50 yd.	11 oz./sq. yd.	60 in.
775932	Putty	50 yd.	11 oz./sq. yd.	60 in.
775935	Shale	50 yd.	11 oz./sq. yd.	60 in.
775934	Storm Grey	50 yd.	11 oz./sq. yd.	60 in.
775931	Surf	50 yd.	11 oz./sq. yd.	60 in.

HarborTime® and Trivantage® are registered trademarks of Glen Raven, Inc. Perfecta Marine® is a registered trademark of Woodhead, LLC.

## Aqualon® Edge Soft

Aqualon® Edge Soft is an exclusive hybrid performance fabric from Trivantage®, combining the performance of Aqualon Edge with the protection of a soft warp knit backing. It features a front fabric coated with Perfecta Marine® technology that creates superior heat reduction, heat reflection and exceptional UV performance. The backing, made of warp knit polyester fabric, provides an abrasion-resistant surface that's safe to use against sensitive gelcoats, critical painted surfaces and delicate objects. This fabric is non-flame retardant, and should not be exposed to direct flame or extreme heat.

Suggested uses: covers for antique boats, patio furniture, grill covers, RV windshields, airplane covers and others.

<b>Fabric</b>	Vinyl Resin Top Coated, Two-Ply Polyester Duck with 100 % Napped Polyester Tricot Knit Underside
<b>Finish</b>	Vinyl Resin Top Coated with Underside Napped 100% Polyester Tricot Knit
<b>Warranty</b>	7-Year on Fabric Face

Item Number	Style Number	Color	Put Up	Weight	Width
774609	5917ES	Alpine White	65 yd.	11 oz./sq. yd.	59 in.
774615	5944ES	Atlantic Blue	65 yd.	11 oz./sq. yd.	59 in.
774617	5968ES	Basic Beige	65 yd.	11 oz./sq. yd.	59 in.
774600	5900ES	Black Oynx	65 yd.	11 oz./sq. yd.	59 in.
774606	5909ES	Cabernet	65 yd.	11 oz./sq. yd.	59 in.
774610	5918ES	Charcoal Grey	65 yd.	11 oz./sq. yd.	59 in.
774608	5913ES	Cherry Red	65 yd.	11 oz./sq. yd.	59 in.
774614	5942ES	Classic Silver	65 yd.	11 oz./sq. yd.	59 in.
774601	5903ES	Ivy Green	65 yd.	11 oz./sq. yd.	59 in.
774612	5925ES	Oxford Tan	65 yd.	11 oz./sq. yd.	59 in.
774619	5971ES	Slate Grey	65 yd.	11 oz./sq. yd.	59 in.

Aqualon® and Trivantage® are registered trademarks of Glen Raven, Inc. Perfecta Marine® is a registered trademark of Woodhead, LLC.

## Sea-Spraé®

Economical and super lightweight, Sea-Spraé is the perfect choice for lightweight bimini tops and other marine craft covers. The fabric resists water, dirt and UV rays, and is stabilized for minimum stretch and shrinkage. This durable fabric is flexible and easy to fabricate, and has excellent tear and tensile strength. Sea-Spraé features proprietary back coating to prevent color transfer, however, a clear vinyl patch should be sewn at contact points when total protection against rub-off is desired.

Suggested uses: bimini tops and other marine craft covers.

<b>Fabric</b>	Acrylic Coated Polyester
<b>Finish</b>	Acrylic Coated
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
775757	SEA27	Bay Blue	100 yd.	6.25 oz./sq. yd.	64 in.
775776	SEA46	Sandpiper Grey	100 yd.	6.25 oz./sq. yd.	64 in.

Sea-Spraé® is a registered trademark of Glen Raven, Inc.



## Sur Last®

Sur Last can be used for many applications that require UV protection, including boat covers, bimini tops, boat storage covers, furniture covers, tonneau covers, luggage, and camping enclosures just to name a few. Sur Last is a very colorfast protective material, and because it is solution-dyed, the colors will not fade or wash out. Sur Last stands up to wind, rain, pollutants and chemicals that will make other fabrics fade. It has high UV, mold and mildew resistance, excellent tear and abrasion resistance, and is non-abrasive to gelcoat and other popular marine finishes. Sur Last also features outstanding silk screen adhesion.

Suggested uses: boat covers, boat tops, boat enclosures and storage covers.

<b>Fabric</b>	100% Solution Dyed Polyester
<b>Finish</b>	3/4 oz. Urethane Back Coating
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
777166	3866	Admiral Navy	100 yd.	7 oz./sq. yd.	60 in.
777154	3854	Black	100 yd.	7 oz./sq. yd.	60 in.
777179	3899	Graphite	100 yd.	7 oz./sq. yd.	60 in.
777162	3862	Light Grey	100 yd.	7 oz./sq. yd.	60 in.
777177	3897	Midnight	100 yd.	7 oz./sq. yd.	60 in.
777151	3851	Navy Weave	100 yd.	7 oz./sq. yd.	60 in.
777178	3898	Ruby	100 yd.	7 oz./sq. yd.	60 in.
777153	3853	Sand	100 yd.	7 oz./sq. yd.	60 in.
777169	3869	Scarlet	100 yd.	7 oz./sq. yd.	60 in.
777171	3871	Walnut	100 yd.	7 oz./sq. yd.	60 in.

Sur Last® is a registered trademark of Glen Raven, Inc.





## Webblon® Regatta® Yacht Fabric

For all pleasure craft, power or sail, Webblon Regatta Yacht Fabric with Rain Kleen® finish provides the best answer for fabric accessories. Regatta Yacht Fabric is designed specifically for the rigorous topside exposure with a waterproof, lasting strength, and lightweight design. Made to endure, it is mildew, age, stain, fade, and abrasion resistant. Enjoy the water even on a sunny day with white tops that reflect heat and pastel linings which relieve glare. Regatta provides dimensional stability with a lamination of two plies of specially formulated vinyl with an inner, reinforcing core fabric woven from high strength polyester. Regatta's exclusive Rain Kleen finish on the weather side provides ease of cleaning, prolongs the life of the fabric, and adds to the pleasing appearance of the surface.

Weight varies slightly from color to color. Weight and roll size nominal. These values are subject to slight variations and are not intended to be used as specifications.

Suggested uses: boom awnings, bimini, curtains, dodgers, enclosures, mooring, and protective covers. Not for trailering covers.

<b>Fabric</b>	Polyester
<b>Finish</b>	Vinyl Laminated, Embossed Rain Kleen®
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
975625	D-62445	Black / Black	50 yd.	13 oz./sq. yd.	62 in.
975611	D-62439	Ivory / Ivory	50 yd.	13 oz./sq. yd.	62 in.
975529	D-62429	White / Driftwood	50 yd.	13 oz./sq. yd.	62 in.
975503	D-62416	White / Foam Green	50 yd.	13 oz./sq. yd.	62 in.
975502	D-62415	White / Mist Blue	50 yd.	13 oz./sq. yd.	62 in.
975501	D-62417	White / White	50 yd.	13 oz./sq. yd.	62 in.

Webblon®, Regatta® and Rain Kleen® are registered trademarks of Herculite Products Inc.

## Serge Ferrari Stamoid® Smart 1

Stamoid Smart 1 is Serge Ferrari's lightest and most compact boat fabric. An extension of their existing Stamoid marine fabric offerings, Stamoid Smart 1 offers the best boat protection on the market. This waterproof boat cover fabric is highly resistant to severe weather conditions. It provides total protection from UVB rays and resists pollution, mold, and oils. Durable and colorfast, Stamoid Smart 1 offers excellent tear and abrasion resistance. The lightweight cover fabric is 60% more compact than standard protective covers, saving on storage space and making it easier to install. Made from high-tenacity polyester with a silicone coating, Stamoid Smart 1 is easy to clean. Prop 65 compliant.

Suggested uses: equipment and boat protection like boat covers, dinghy covers, rigging covers, console covers, seat and bar covers, sail bags, winter covers, console covers.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Silicone-Coated Top Side
<b>Warranty</b>	7-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742193	F4160-04997	Blue	32.8 yd.	8.2 oz./sq. yd.	98 in.
742194	F4160-20166	Charcoal	32.8 yd.	8.2 oz./sq. yd.	98 in.
742192	F4160-10001	Pearl Grey	32.8 yd.	8.2 oz./sq. yd.	98 in.
742191	F4160-01897	Tan	32.8 yd.	8.2 oz./sq. yd.	98 in.
742190	F4160-03244	White	32.8 yd.	8.2 oz./sq. yd.	98 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



## Serge Ferrari Stamoid® Heavy Cover 102 in.

Stamoid Heavy Cover is a mid-weight, polyester fabric with a vinyl-coated topside. The robust fabric offers outstanding features, making it ideal for use on motor boats, yachts, and sailing boats.

Dimensional stability provides long-lasting durability for boats of all sizes. Stamoid Heavy Cover is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: cockpit covers, protective covers, console covers, large covers, winter covers.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Top Side
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742186	4313	Cloud Grey	33 yd.	14 oz./sq. yd.	102.36 in.
742184	4313	Pearl Grey	33 yd.	14 oz./sq. yd.	102.36 in.
742180	4313	White	33 yd.	14 oz./sq. yd.	102.36 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Serge Ferrari Stamoid® Light 59 in.

Stamoid Light 59" is a lightweight, polyester fabric with a vinyl-coated topside. Its compact construction makes it ideal for equipment covers and other marine applications.

Dimensional stability provides long-term durability for boats of all sizes. Stamoid Light is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: equipment covers, flybridge covers, furling sail covers, console covers, dinghy covers, shadesails.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Top Side
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742014	F4128	Black	54.7 yd.	8.3 oz./sq. yd.	59 in.
742019	F4128	Cloud Grey	54.7 yd.	8.3 oz./sq. yd.	59 in.
742001	F4128	Cream	54.7 yd.	8.3 oz./sq. yd.	59 in.
742017	F4128	Desert	54.7 yd.	8.3 oz./sq. yd.	59 in.
742002	F4128	Ivory	54.7 yd.	8.3 oz./sq. yd.	59 in.
742004	F4128	Pearl Grey	54.7 yd.	8.3 oz./sq. yd.	59 in.
742009	F4128	Royal Blue	54.7 yd.	8.3 oz./sq. yd.	59 in.
742003	F4128	Sand	54.7 yd.	8.3 oz./sq. yd.	59 in.
742005	F4128	Silver	54.7 yd.	8.3 oz./sq. yd.	59 in.
742013	F4128	Snow White	54.7 yd.	8.3 oz./sq. yd.	59 in.
742000	F4128	White	54.7 yd.	8.3 oz./sq. yd.	59 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Serge Ferrari Stamoid® Light 80 in.

Stamoid Light 80" offers a wider width than Light 59" for mid-sized projects. Stamoid Light is a lightweight, polyester fabric with a vinyl-coated topside. Its compact structure makes it great for equipment covers and other marine applications.

Dimensional stability provides lasting durability for boats of all sizes. Stamoid Light is mildew resistant, waterproof, and colorfast. It keeps its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: equipment covers, flybridge covers, furling sail covers, console covers, dinghy covers, shadesails.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Top Side
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742064	F4128	Snow White	32.8 yd.	8.3 oz./sq. yd.	80 in.
742050	F4128	White	32.8 yd.	8.3 oz./sq. yd.	80 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Serge Ferrari Stamoid® Light 102 in.

Stamoid Light 102" provides a wider width for larger projects. Stamoid Light is a lightweight, polyester fabric with a vinyl-coated topside. Its compact structure makes it great for equipment covers and other marine applications.

Its dimensional stability provides lasting durability for boats of all sizes. Stamoid Light is mildew resistant, waterproof, and colorfast. It keeps its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: equipment covers, flybridge covers, furling sail covers, console covers, dinghy covers, shadesails.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Top Side
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742072	F4128	Black	32.8 yd.	8.3 oz./sq. yd.	102 in.
742074	F4128	Charcoal	32.8 yd.	8.3 oz./sq. yd.	102 in.
742075	F4128	Cream	32.8 yd.	8.3 oz./sq. yd.	102 in.
742081	F4128	Sand	32.8 yd.	8.3 oz./sq. yd.	102 in.
742071	F4128	Snow White	32.8 yd.	8.3 oz./sq. yd.	102 in.
742082	F4128	Taupe	32.8 yd.	8.3 oz./sq. yd.	102 in.
742070	F4128	White	32.8 yd.	8.3 oz./sq. yd.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Serge Ferrari Stamoid® Open 102 in.

Stamoid Open is a heavyweight, polyester fabric with a vinyl coating on both sides. It is the most robust option in the Stamoid collection. The marine fabric offers outstanding features for a variety of outdoor marine applications.

Top dimensional stability provides long-lasting durability for all-sized boats. Stamoid Open is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini tops, dodgers, enclosures, boat awnings.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Both Sides
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742172	F4463	Ivory	33 yd.	19.1 oz./sq. yd.	102.36 in.
742170	F4463-10309	Snow White	33 yd.	19.1 oz./sq. yd.	102.36 in.
742171	F4463	White	33 yd.	19.1 oz./sq. yd.	102.36 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



## Serge Ferrari Stamoid® Top 59 in.

Stamoid Top 59" is a mid-weight, polyester marine fabric that features vinyl coating on both sides. The fabric protects crew from sea spray, wind, and bad weather. It also filters 100% of UV light.

Built-in dimensional stability provides long-lasting durability for any-sized boat. Stamoid Top is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: bimini tops, dodgers, enclosures, boat awnings, sprayhoods, cockpit enclosures.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Both Sides
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742115	F3933	Black	54.7 yd.	12.7 oz./sq. yd.	59 in.
742119	F3933	Charcoal	54.7 yd.	12.7 oz./sq. yd.	59 in.
742117	F3933	Cloud Grey	54.7 yd.	12.7 oz./sq. yd.	59 in.
742101	F3933	Cream	54.7 yd.	12.7 oz./sq. yd.	59 in.
742105	F3933	Desert	54.7 yd.	12.7 oz./sq. yd.	59 in.
742102	F3933	Ivory	54.7 yd.	12.7 oz./sq. yd.	59 in.
742110	F3933	Navy	54.7 yd.	12.7 oz./sq. yd.	59 in.
742104	F3933	Pearl Grey	54.7 yd.	12.7 oz./sq. yd.	59 in.
742109	F3933	Royal Blue	54.7 yd.	12.7 oz./sq. yd.	59 in.
742103	F3933	Sand	54.7 yd.	12.7 oz./sq. yd.	59 in.
742113	F3933	Snow White	54.7 yd.	12.7 oz./sq. yd.	59 in.
742100	F3933	White	54.7 yd.	12.7 oz./sq. yd.	59 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



## Serge Ferrari Stamoid® Top 80 in.

Stamoid Top 80" is a mid-weight, polyester marine fabric that features vinyl coating on both sides. It offers a wider width for medium-sized projects. The fabric protects crew from sea spray, wind, and bad weather. It also filters 100% of UV light.

Built-in dimensional stability provides long-lasting durability for any-sized boat. Stamoid Top is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: bimini tops, dodgers, enclosures, boat awnings, sprayhoods, cockpit enclosures.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Both Sides
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
742164	F3933	Snow White	32.8 yd.	12.7 oz./sq. yd.	80 in.
742150	F3933	White	32.8 yd.	12.7 oz./sq. yd.	80 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Serge Ferrari Stamoid® Top 102 in.

Stamoid Top 102" is a mid-weight, polyester marine fabric that features vinyl coating on both sides. It offers a wider width for larger projects. The fabric protects crew from sea spray, wind, and bad weather. It also filters 100% of UV light.

Inherent dimensional stability provides long-lasting durability for any-sized boat. Stamoid Top is colorfast, mildew resistant, and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near-zero temperatures. Stamoid's vinyl coating assures dirt resistance and easy cleaning.

Suggested uses: bimini tops, dodgers, enclosures, boat awnings, sprayhoods, cockpit enclosures.

<b>Fabric</b>	High-Tenacity Polyester
<b>Finish</b>	Vinyl Coated Both Sides
<b>Warranty</b>	5-Year

Item #	Style #	Color	Put Up	Weight	Width
742167	F3933	Black	32.8 yd.	12.7 oz./sq. yd.	102 in.
742168	F3933	Cream	32.8 yd.	12.7 oz./sq. yd.	102 in.
742160	F3933	Pearl Grey	32.8 yd.	12.7 oz./sq. yd.	102 in.
742162	F3933	Sand	32.8 yd.	12.7 oz./sq. yd.	102 in.
742166	F3933	Snow White	32.8 yd.	12.7 oz./sq. yd.	102 in.
742165	F3933	White	32.8 yd.	12.7 oz./sq. yd.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

## Super-Top™ Boat Topping

Premium grade diamond-embossed Super-Top is all weather ready on the top side, and backed with a soft gray "Denim" polyester/cotton fabric. Resists sun, mildew, water, grease and dirt. The soft vinyl and polyester/cotton blend makes it easier to fold, store and handle.

Suggested uses: bimini tops

<b>Fabric</b>	65% Polyester/35% Cotton Blend
<b>Finish</b>	Vinyl Laminated, Embossed
<b>Warranty</b>	None

Item Number	Color	Put Up	Weight	Width
734452	Pearl White / Denim	60 yd.	16 oz./sq. yd.	54 in.

Super-Top™ is a trademark of Glen Raven, Inc.

## Sunforger® Boat Shrunk

This durable boat-shrunk fabric resists water and mildew. It stands apart from similar fabrics with an added feature: exposure shrinkage of approximately 3% or less under normal use. Sunforger is a popular fabric for use where standard water and moisture conditions exist.

Suggested uses: boat tops, tents, outdoor applications.

<b>Fabric</b>	Cotton Army Duck
<b>Finish</b>	Water Repellent

Item Number	Style Number	Color	Put Up	Weight	Width
714021	538	Pearl Gray	125 yd.	10.1 oz./sq. yd.	35 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

## Sunforger® Boat Shrunk – Flame Retardant

This resilient boat-shrunk fabric is water repellent, mildew resistant, and flame retardant. It also offers an exposure shrinkage of around 3% or less under ordinary use. Sunforger is ideal for use in normal water and moisture conditions.

Suggested uses: boat tops, tents, outdoor applications.

<b>Fabric</b>	Cotton Army Duck
<b>Finish</b>	Water Repellent
<b>FR Standards Met</b>	CPAI-84

Item Number	Color	Put Up	Weight	Width
714183	Colorless	125 yd.	10.1 oz./sq. yd.	60 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

## Sunforger® Marine Finish Boat Shrunken

For high-moisture environments, use Sunforger boat-shrunk fabric with a marine finish. Marine Finish contains a special added compound that gives greater water repellency and mildew resistance. Expect limited exposure shrinkage of approximately 3%, under normal use.

Suggested uses: boat tops, tents, outdoor applications.

<b>Fabric</b>	Cotton Army Duck
<b>Finish</b>	Water Repellent

Item Number	Style Number	Color	Put Up	Weight	Width
714121	938	Colorless	125 yd.	10.1 oz./sq. yd.	35 in.
714124	998	Colorless	125 yd.	12.63 oz./sq. yd.	35 in.
714145	1098	Khaki	125 yd.	12.63 oz./sq. yd.	35 in.
714102	738	Pearl Gray	125 yd.	10.1 oz./sq. yd.	35 in.
714105	798	Pearl Gray	125 yd.	12.63 oz./sq. yd.	35 in.
714148	1198	Suntan	125 yd.	12.63 oz./sq. yd.	35 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

## Sunforger® Marine Finish Boat Shrunken – Flame Retardant

This fabric's marine finish offers advanced water and mildew resistance. In addition, it is flame retardant for a wider range of applications. Under ordinary use, expect limited exposure shrinkage of around 3%.

Suggested uses: boat tops, tents, outdoor applications.

<b>Fabric</b>	Cotton Army Duck
<b>Finish</b>	Water Repellent
<b>FR Standards Met</b>	CPAI-84

Item Number	Style Number	Color	Put Up	Weight	Width
714125	998	Colorless	125 yd.	12.98 oz./sq. yd.	35 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

## Dacron® Sailcloth and Cover Cloth

Trivantage® offers a premium 3.8 oz. Dacron sailcloth for marine applications. 3.8 oz. Dacron has a stabilized finish and is a proven basic sailcloth.

Trivantage stocks a range of Dacron cover cloth fabrics in a variety of weights. These are ideal for a variety of marine cover applications, and are white in color.

Sailcloth fabrics are specially made for use in sails. Although this fabric is used in the manufacture of other products, it is not engineered or tested for these uses. In this connection we remind you that under the terms and conditions pursuant to which our sailcloth has been and is sold, the manufacturer disclaims all warranties of its sailcloth for fitness for a particular purpose.

Not for use in aeronautical applications.

<b>Fabric</b>	Dacron (polyester)
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Item Number	Description	Color	Weight	Width
724089	Fleetboat Cloth	White	4 oz./sq. yd.	54 in.

Dacron® is a registered trademark of INVISTA™. Trivantage® is a registered trademark of Glen Raven, Inc.

## Dacron® Tape

Available in various widths for use in sails. Used for reinforcement in canvas applications.

Item Number	Color	Put Up	Weight	Width
500723	Black	100 yd.	3.9 oz.	2 in.
500726	White	100 yd.	6 oz.	2 in.
500728	White	100 yd.	6 oz.	4 in.

Dacron® is a registered trademark of INVISTA™.



## Sunbrella® Horizon®

Sunbrella Horizon brings to marine upholstery the legendary performance you trust from Sunbrella. It is the first Sunbrella marine upholstery fabric made from engineered synthetic leather. The material is smooth, water-repellent, and offers impressive resistance to pink staining. It features a proprietary protective top coat providing easy cleanability. The durable fabric stands up to abrasion, cold crack, and salt residue. The four-way stretch material is incredibly elastic, preventing misshaping and puddling. It stays in excellent condition, even after continued use. Additionally, the Sunbrella Horizon Collection includes a 3-year warranty against microbial pink staining and a 5-year warranty against the loss of color or strength. Coordinate colors with other Sunbrella marine fabrics for easy design. GREENGUARD® certified.

Suggested uses: interior and exterior boat seating.

<b>Fabric</b>	Sunbrella® Engineered Leather
<b>Finish</b>	Proprietary Top Coat
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; UFAC Upholstered Furniture, Class 1; FMVSS 302
<b>Warranty</b>	5-Year, 3-Year Microbial Pink Staining

Item Number	Style Number	Color	Put Up	Weight	Width
732621	10200-0021	Capriccio Aquamarine	30 yd.	28.8 oz./lyd.	54 in.
732622	10200-0022	Capriccio Aruba	30 yd.	28.8 oz./lyd.	54 in.
732620	10200-0020	Capriccio Azure	30 yd.	28.8 oz./lyd.	54 in.
732614	10200-0014	Capriccio Black	30 yd.	28.8 oz./lyd.	54 in.
732615	10200-0015	Capriccio Burgundy	30 yd.	28.8 oz./lyd.	54 in.
732606	10200-0006	Capriccio Cadet Grey	30 yd.	28.8 oz./lyd.	54 in.
732612	10200-0012	Capriccio Charcoal	30 yd.	28.8 oz./lyd.	54 in.
732602	10200-0002	Capriccio Cloud	30 yd.	28.8 oz./lyd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
732623	10200-0023	Capriccio Doubleton	30 yd.	28.8 oz./lyd.	54 in.
732609	10200-0009	Capriccio Dune	30 yd.	28.8 oz./lyd.	54 in.
732605	10200-0005	Capriccio Flax	30 yd.	28.8 oz./lyd.	54 in.
732611	10200-0011	Capriccio Grey	30 yd.	28.8 oz./lyd.	54 in.
732608	10200-0008	Capriccio Heather Beige	30 yd.	28.8 oz./lyd.	54 in.
732603	10200-0003	Capriccio Ivory	30 yd.	28.8 oz./lyd.	54 in.
732616	10200-0016	Capriccio Logo Red	30 yd.	28.8 oz./lyd.	54 in.
732618	10200-0018	Capriccio Mediterranean	30 yd.	28.8 oz./lyd.	54 in.
732613	10200-0013	Capriccio Mink	30 yd.	28.8 oz./lyd.	54 in.
732617	10200-0017	Capriccio Navy	30 yd.	28.8 oz./lyd.	54 in.
732624	10200-0024	Capriccio Pacific Blue	30 yd.	28.8 oz./lyd.	54 in.
732625	10200-0025	Capriccio Salt	30 yd.	28.8 oz./lyd.	54 in.
732619	10200-0019	Capriccio Sky	30 yd.	28.8 oz./lyd.	54 in.
732610	10200-0010	Capriccio Taupe	30 yd.	28.8 oz./lyd.	54 in.
732607	10200-0007	Capriccio Toast	30 yd.	28.8 oz./lyd.	54 in.
732604	10200-0004	Capriccio Vellum	30 yd.	28.8 oz./lyd.	54 in.
732601	10200-0001	Capriccio White	30 yd.	28.8 oz./lyd.	54 in.
732643	10201-0003	Textil Cadet Grey	30 yd.	28.8 oz./lyd.	54 in.
732644	10201-0004	Textil Charcoal	30 yd.	28.8 oz./lyd.	54 in.
732642	10201-0002	Textil Cloud	30 yd.	28.8 oz./lyd.	54 in.
732645	10201-0005	Textil Dune	30 yd.	28.8 oz./lyd.	54 in.
732647	10201-0007	Textil Navy	30 yd.	28.8 oz./lyd.	54 in.
732646	10201-0006	Textil Toast	30 yd.	28.8 oz./lyd.	54 in.
732641	10201-0001	Textil White	30 yd.	28.8 oz./lyd.	54 in.

Sunbrella® and Horizon® are registered trademarks of Glen Raven, Inc. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



## Sunbrella® Horizon® – Foam Back

This marine foam back fabric is made with high-quality Sunbrella Horizon marine upholstery fabric. It features a 1/4-inch polyether urethane foam that is flame-laminated to the back and stabilized to minimize the drying and hardening prevalent in other foam products. Developed for marine environments, the foam-backed marine vinyl fabric is made from a unique engineered synthetic leather and a proprietary topcoat. The foam back fabric is smooth and easy to clean and provides superior resistance to abrasion, water, mildew, pink staining, salt residue, and cold crack. The durable, four-way stretch material is elastic to minimize puddling and misshaping. Plus, Sunbrella Horizon comes protected with a 5-Year strength and color loss warranty and a 3-Year microbial pinking warranty.

Suggested uses: interior boat seating and exterior boat upholstery.

<b>Fabric</b>	Sunbrella® Engineered Synthetic Leather, Flame-laminated with 1/4-in. Polyether Urethane Foam
<b>Finish</b>	Proprietary Top Coat
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; UFAC Upholstered Furniture, Class 1; FMVSS 302
<b>Warranty</b>	5-Year, 3-Year Microbial Pink Staining

Item Number	Style Number	Color	Put Up	Weight	Width
733921	10200-0021	Capriccio Aquamarine	15 yd.	32.8 oz./yd.	54 in.
733922	10200-0022	Capriccio Aruba	15 yd.	32.8 oz./yd.	54 in.
733920	10200-0020	Capriccio Azure	15 yd.	32.8 oz./yd.	54 in.
733914	10200-0014	Capriccio Black	15 yd.	32.8 oz./yd.	54 in.
733915	10200-0015	Capriccio Burgundy	15 yd.	32.8 oz./yd.	54 in.
733906	10200-0006	Capriccio Cadet Grey	15 yd.	32.8 oz./yd.	54 in.
733912	10200-0012	Capriccio Charcoal	15 yd.	32.8 oz./yd.	54 in.
733902	10200-0002	Capriccio Cloud	15 yd.	32.8 oz./yd.	54 in.
733923	10200-0023	Capriccio Doubloon	15 yd.	32.8 oz./yd.	54 in.
733909	10200-0009	Capriccio Dune	15 yd.	32.8 oz./yd.	54 in.
733905	10200-0005	Capriccio Flax	15 yd.	32.8 oz./yd.	54 in.
733911	10200-0011	Capriccio Grey	15 yd.	32.8 oz./yd.	54 in.
733908	10200-0008	Capriccio Heather Beige	15 yd.	32.8 oz./yd.	54 in.
733903	10200-0003	Capriccio Ivory	15 yd.	32.8 oz./yd.	54 in.
733916	10200-0016	Capriccio Logo Red	15 yd.	32.8 oz./yd.	54 in.
733918	10200-0018	Capriccio Mediterranean	15 yd.	32.8 oz./yd.	54 in.
733913	10200-0013	Capriccio Mink	15 yd.	32.8 oz./yd.	54 in.
733917	10200-0017	Capriccio Navy	15 yd.	32.8 oz./yd.	54 in.
733933	10200-0024	Capriccio Pacific Blue	15 yd.	32.8 oz./yd.	54 in.
733935	10200-0025	Capriccio Salt	15 yd.	32.8 oz./yd.	54 in.
733919	10200-0019	Capriccio Sky	15 yd.	32.8 oz./yd.	54 in.
733910	10200-0010	Capriccio Taupe	15 yd.	32.8 oz./yd.	54 in.
733907	10200-0007	Capriccio Toast	15 yd.	32.8 oz./yd.	54 in.
733904	10200-0004	Capriccio Vellum	15 yd.	32.8 oz./yd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
733901	10200-0001	Capriccio White	15 yd.	32.8 oz./yd.	54 in.
733926	10201-0003	Textil Cadet Grey	15 yd.	32.8 oz./yd.	54 in.
733927	10201-0004	Textil Charcoal	15 yd.	32.8 oz./yd.	54 in.
733925	10201-0002	Textil Cloud	15 yd.	32.8 oz./yd.	54 in.
733928	10201-0005	Textil Dune	15 yd.	32.8 oz./yd.	54 in.
733930	10201-0007	Textil Navy	15 yd.	32.8 oz./yd.	54 in.
733929	10201-0006	Textil Toast	15 yd.	32.8 oz./yd.	54 in.
733924	10201-0001	Textil White	15 yd.	32.8 oz./yd.	54 in.

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## Sunbrella® Horizon® – Roll-N-Pleat

Sunbrella Horizon Roll-N-Pleat marine upholstery fabric is a stylish, quilted fabric with a pleat width of 1-1/2-inch. Designed for boating conditions, the marine upholstery fabric is made from a unique engineered synthetic leather and a proprietary topcoat. It brings outstanding resistance to water, mildew, pink staining, abrasion, cold crack, and salt residue. Plus, the pleated marine fabric is smooth and easy to clean. The durable, four-way stretch material is incredibly elastic to prevent misshaping and puddling. Sunbrella Horizon Roll-N-Pleat includes a 5-Year strength and color loss warranty and a 3-Year microbial pinking warranty.

Suggested uses: interior boat seating and exterior boat upholstery.

<b>Fabric</b>	Sunbrella® Engineered Leather
<b>Finish</b>	Proprietary Top Coat
<b>FR Standards Met</b>	California Technical Bulletin #117, Class: 1 normal; UFAC Upholstered Furniture, Class 1; FMVSS 302
<b>Warranty</b>	5-Year, 3-Year Microbial Pink Staining

Item Number	Style Number	Color	Put Up	Weight	Width
733871	10200-0021	Capriccio Aquamarine	15 yd.	35.8 oz./yd.	54 in.
733872	10200-0022	Capriccio Aruba	15 yd.	35.8 oz./yd.	54 in.
733870	10200-0020	Capriccio Azure	15 yd.	35.8 oz./yd.	54 in.
733864	10200-0014	Capriccio Black	15 yd.	35.8 oz./yd.	54 in.
733865	10200-0015	Capriccio Burgundy	15 yd.	35.8 oz./yd.	54 in.
733856	10200-0006	Capriccio Cadet Grey	15 yd.	35.8 oz./yd.	54 in.
733862	10200-0012	Capriccio Charcoal	15 yd.	35.8 oz./yd.	54 in.
733852	10200-0002	Capriccio Cloud	15 yd.	35.8 oz./yd.	54 in.
733873	10200-0023	Capriccio Doubloon	15 yd.	35.8 oz./yd.	54 in.
733859	10200-0009	Capriccio Dune	15 yd.	35.8 oz./yd.	54 in.
733855	10200-0005	Capriccio Flax	15 yd.	35.8 oz./yd.	54 in.
733861	10200-0011	Capriccio Grey	15 yd.	35.8 oz./yd.	54 in.
733858	10200-0008	Capriccio Heather Beige	15 yd.	35.8 oz./yd.	54 in.
733853	10200-0003	Capriccio Ivory	15 yd.	35.8 oz./yd.	54 in.

Items continue on next page.

## FABRIC MARINE

Item Number	Style Number	Color	Put Up	Weight	Width
733866	10200-0016	Capriccio Logo Red	15 yd.	35.8 oz./lyd.	54 in.
733868	10200-0018	Capriccio Mediterranean	15 yd.	35.8 oz./lyd.	54 in.
733863	10200-0013	Capriccio Mink	15 yd.	35.8 oz./lyd.	54 in.
733867	10200-0017	Capriccio Navy	15 yd.	35.8 oz./lyd.	54 in.
733874	10200-0024	Capriccio Pacific Blue	15 yd.	35.8 oz./lyd.	54 in.
733875	10200-0025	Capriccio Salt	15 yd.	35.8 oz./lyd.	54 in.
733869	10200-0019	Capriccio Sky	15 yd.	35.8 oz./lyd.	54 in.
733860	10200-0010	Capriccio Taupe	15 yd.	35.8 oz./lyd.	54 in.
733857	10200-0007	Capriccio Toast	15 yd.	35.8 oz./lyd.	54 in.
733854	10200-0004	Capriccio Vellum	15 yd.	35.8 oz./lyd.	54 in.
733851	10200-0001	Capriccio White	15 yd.	35.8 oz./lyd.	54 in.

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## Causeway®

Exclusive to Trivantage, Causeway is a reliable marine upholstery fabric. The marine fabric is designed for outstanding, long-lasting performance and comfort. Made with a polyester knit backing, it features a protective polycarbonate-based topcoat for ease of cleaning. The embossed surface is smooth and comfortable.

The marine upholstery fabric is mildew resistant and water repellent ideal for boating applications. It brings excellent durability, four-way stretch and recovery, and color fastness. The affordable boat upholstery fabric won't greatly affect your total project cost while greatly improving customer satisfaction.

Suggested uses: interior and exterior boat seating.

<b>Fabric</b>	Polyester Knit Backing
<b>Finish</b>	Polycarbonate-Based Topcoat
<b>FR Standards Met</b>	TB 117-2013, MVSS302
<b>Warranty</b>	3-Year Limited

Item Number	Color	Put Up	Weight	Width
733600	Adobe	49 yd.	29 oz./lyd.	54 in.
733604	Beige	49 yd.	29 oz./lyd.	54 in.
733612	Black	49 yd.	29 oz./lyd.	54 in.
733605	Bright White	49 yd.	29 oz./lyd.	54 in.
733607	Chocolate	49 yd.	29 oz./lyd.	54 in.
733608	Cognac	49 yd.	29 oz./lyd.	54 in.
733603	Dark Blue	49 yd.	29 oz./lyd.	54 in.
733609	Dark Grey	49 yd.	29 oz./lyd.	54 in.
733613	Dark Pearl	49 yd.	29 oz./lyd.	54 in.
733611	Honey	49 yd.	29 oz./lyd.	54 in.
733610	Ivory	49 yd.	29 oz./lyd.	54 in.
733601	Pearl	49 yd.	29 oz./lyd.	54 in.
733606	Pearl White	49 yd.	29 oz./lyd.	54 in.
733602	Red	49 yd.	29 oz./lyd.	54 in.
733614	Soft Rose	49 yd.	29 oz./lyd.	54 in.
733615	Turquoise	49 yd.	29 oz./lyd.	54 in.

Causeway® is a registered trademark of Glen Raven, Inc.

## Causeway® – Foam Back

Exclusive to Trivantage, Causeway is a reliable marine upholstery fabric. The marine fabric is designed for outstanding, long-lasting performance and comfort. Made with a polyester knit backing, it features a protective polycarbonate-based topcoat for ease of cleaning. The embossed surface is smooth and comfortable.

The marine upholstery fabric is mildew resistant and water repellent ideal for boating applications. It brings excellent durability, four-way stretch and recovery, and color fastness. The affordable boat upholstery fabric won't greatly affect your total project cost while greatly improving customer satisfaction. Available in marine fabric, foam back, and Roll-N-Pleat options.

Suggested uses: interior and exterior boat seating.

<b>Fabric</b>	PVC-coated polyester, flame-laminated with 1/4-in. polyether urethane foam
<b>Finish</b>	Embossed PVC
<b>FR Standards Met</b>	California Technical Bulletin 117; MVSS 302
<b>Warranty</b>	3-Year Limited

Item Number	Color	Put Up	Weight	Width
733700	Adobe	24 yd.	33 oz./yd.	54 in.
733704	Beige	24 yd.	33 oz./yd.	54 in.
733712	Black	24 yd.	33 oz./yd.	54 in.
733705	Bright White	24 yd.	33 oz./yd.	54 in.
733707	Chocolate	24 yd.	33 oz./yd.	54 in.
733708	Cognac	24 yd.	33 oz./yd.	54 in.
733703	Dark Blue	24 yd.	33 oz./yd.	54 in.
733709	Dark Grey	24 yd.	33 oz./yd.	54 in.
733713	Dark Pearl	24 yd.	33 oz./yd.	54 in.
733711	Honey	24 yd.	33 oz./yd.	54 in.
733710	Ivory	24 yd.	33 oz./yd.	54 in.
733701	Pearl	24 yd.	33 oz./yd.	54 in.
733706	Pearl White	24 yd.	33 oz./yd.	54 in.
733702	Red	24 yd.	33 oz./yd.	54 in.
733714	Soft Rose	24 yd.	33 oz./yd.	54 in.
733715	Turquoise	24 yd.	33 oz./yd.	54 in.

Causeway® is a registered trademark of Glen Raven, Inc.

## Causeway® – Roll-N-Pleat

Exclusive to Trivantage, Causeway is a reliable marine upholstery fabric. The marine fabric is designed for outstanding, long-lasting performance and comfort. Made with a polyester knit backing, it features a protective polycarbonate-based topcoat for ease of cleaning. The embossed surface is smooth and comfortable.

The marine upholstery fabric is mildew resistant and water repellent ideal for boating applications. It brings excellent durability, four-way stretch and recovery, and color fastness. The affordable boat upholstery fabric won't greatly affect your total project cost while greatly improving customer satisfaction. Available in marine fabric, foam back, and Roll-N-Pleat options.

Suggested uses: interior and exterior boat seating.

<b>Fabric</b>	Polyester Knit Backing
<b>Finish</b>	Polycarbonate-Based Topcoat
<b>FR Standards Met</b>	California Technical Bulletin 117; MVSS 302
<b>Warranty</b>	3-Year Limited

Item Number	Color	Put Up	Weight	Width
733650	Adobe	20 yd.	36 oz./yd.	54 in.
733654	Beige	20 yd.	36 oz./yd.	54 in.
733662	Black	20 yd.	36 oz./yd.	54 in.
733655	Bright White	20 yd.	36 oz./yd.	54 in.
733657	Chocolate	20 yd.	36 oz./yd.	54 in.
733658	Cognac	20 yd.	36 oz./yd.	54 in.
733653	Dark Blue	20 yd.	36 oz./yd.	54 in.
733659	Dark Grey	20 yd.	36 oz./yd.	54 in.
733663	Dark Pearl	20 yd.	36 oz./yd.	54 in.
733661	Honey	20 yd.	36 oz./yd.	54 in.
733660	Ivory	20 yd.	36 oz./yd.	54 in.
733651	Pearl	20 yd.	36 oz./yd.	54 in.
733656	Pearl White	20 yd.	36 oz./yd.	54 in.
733652	Red	20 yd.	36 oz./yd.	54 in.
733664	Soft Rose	20 yd.	36 oz./yd.	54 in.
733665	Turquoise	20 yd.	36 oz./yd.	54 in.

Causeway® is a registered trademark of Glen Raven, Inc.



## Nassimi Seaquest Vinyl Upholstery

Seaquest is a reliable fabric for marine settings. It offers an embossed PVC outer surface, which defends against water, mildew, UV rays, abrasion, and stains. Made to endure, Seaquest provides stain resistance, colorfastness, bleach resistance, cold crack protection, pink stain resistance, and sulfide stain resistance. A reliable breaking strength and flex resistance boosts the fabrics physical performance as well.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: marine, outdoor, and general upholstery.

<b>Fabric</b>	Poly Rayon
<b>Finish</b>	Embossed PVC
<b>FR Standards Met</b>	California Technical Bulletin 117; MVSS 302
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
731801	PSQ-001ADF	American Beauty	30 yd.	32 oz./lyd.	54 in.
731802	PSQ-002ADF	Anchor	30 yd.	32 oz./lyd.	54 in.
731774	PSQ-101ADF	Biscuit	30 yd.	32 oz./lyd.	54 in.
731804	PSQ-004ADF	Chalk	30 yd.	32 oz./lyd.	54 in.
731777	PSQ-102ADF	Chocolate	30 yd.	32 oz./lyd.	54 in.
731781	PSQ-103ADF	Concord	30 yd.	32 oz./lyd.	54 in.
731806	PSQ-006ADF	Dune	30 yd.	32 oz./lyd.	54 in.
731807	PSQ-007ADF	Ebony	30 yd.	32 oz./lyd.	54 in.
731783	PSQ-104ADF	Evergreen	30 yd.	32 oz./lyd.	54 in.
731771	PSQ-105ADF	Foam	30 yd.	32 oz./lyd.	54 in.
731810	PSQ-010ADF	Hampton	30 yd.	32 oz./lyd.	54 in.
731813	PSQ-013ADF	Lighthouse Red	30 yd.	32 oz./lyd.	54 in.
731814	PSQ-014ADF	Lotion	30 yd.	32 oz./lyd.	54 in.
731776	PSQ-107ADF	Maple	30 yd.	32 oz./lyd.	54 in.
731815	PSQ-015ADF	Marble	30 yd.	32 oz./lyd.	54 in.
731779	PSQ-106ADF	Marigold	30 yd.	32 oz./lyd.	54 in.
731816	PSQ-016ADF	Midnight	30 yd.	32 oz./lyd.	54 in.
731817	PSQ-017ADF	Mist	30 yd.	32 oz./lyd.	54 in.
731785	PSQ-108ADF	Nautical	30 yd.	32 oz./lyd.	54 in.
731819	PSQ-019ADF	Navy	30 yd.	32 oz./lyd.	54 in.
731820	PSQ-020ADF	Oyster	30 yd.	32 oz./lyd.	54 in.
731782	PSQ-109ADF	Peacock	30 yd.	32 oz./lyd.	54 in.
731822	PSQ-022ADF	Pelican	30 yd.	32 oz./lyd.	54 in.
731772	PSQ-110ADF	Pewter	30 yd.	32 oz./lyd.	54 in.
731823	PSQ-023ADF	Royal	30 yd.	32 oz./lyd.	54 in.
731775	PSQ-111ADF	Satchel	30 yd.	32 oz./lyd.	54 in.
731825	PSQ-025ADF	Sea White	30 yd.	32 oz./lyd.	54 in.
731784	PSQ-112ADF	Sky	30 yd.	32 oz./lyd.	54 in.
731773	PSQ-113ADF	Slate	30 yd.	32 oz./lyd.	54 in.
731826	PSQ-026ADF	Smoke	30 yd.	32 oz./lyd.	54 in.
731778	PSQ-114ADF	Sunflower	30 yd.	32 oz./lyd.	54 in.
731829	PSQ-029ADF	Too White	30 yd.	32 oz./lyd.	54 in.
731830	PSQ-030ADF	White Ice	30 yd.	32 oz./lyd.	54 in.

## Nassimi Seaquest Foam Back Vinyl Upholstery

This marine foam back fabric is made from high-quality Nassimi Seaquest fabric. Made of poly rayon with an embossed PVC outer surface, the boat upholstery fabric defends against water, mildew, UV rays, abrasion, and stains. It features a 1/4-inch polyether urethane foam that is flame-laminated to the backside and stabilized to minimize the hardening and drying common in other foams. It is sturdy, marine grade, and easy to clean.

High-quality adhesives should be used with the foam back fabric. Care must be taken to avoid pooling of adhesive on the foam back fabric or the surface the fabric to which it is to be secured.

Suggested uses: marine upholstery applications.

<b>Fabric</b>	Poly Rayon
<b>Finish</b>	Embossed PVC
<b>FR Standards Met</b>	California Technical Bulletin 117; MVSS 302
<b>Warranty</b>	3-Year

Item Number	Color	Put Up	Weight	Width
732050	Chalk	30 yd.	36 oz./lyd.	54 in.
732051	Mist	30 yd.	36 oz./lyd.	54 in.
732049	Too White	30 yd.	36 oz./lyd.	54 in.

## Nassimi Seaquest Roll-N-Pleat Vinyl Upholstery

Seaquest Roll-N-Pleat is a unique pleated fabric featuring an embossed PVC outer surface, which defends against water, mildew, UV rays, abrasion, and stains. Made to endure, Seaquest provides stain resistance, colorfastness, bleach resistance, cold crack protection, pink stain resistance, and sulfide stain resistance. A reliable breaking strength and flex resistance boosts the fabrics physical performance as well.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: marine, outdoor, and general upholstery.

<b>Fabric</b>	Poly Rayon
<b>Finish</b>	Embossed PVC
<b>FR Standards Met</b>	California Technical Bulletin 117; MVSS 302
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
732001	PSP-001ADF	American Beauty	10 yd.	32 oz./lyd.	54 in.
732002	PSP-002ADF	Anchor	10 yd.	32 oz./lyd.	54 in.
731674	PSQ-101ADF	Biscuit	10 yd.	32 oz./lyd.	54 in.
732004	PSP-004ADF	Chalk	10 yd.	32 oz./lyd.	54 in.
731677	PSQ-102ADF	Chocolate	10 yd.	32 oz./lyd.	54 in.
731681	PSQ-103ADF	Concord	10 yd.	32 oz./lyd.	54 in.
732006	PSP-006ADF	Dune	10 yd.	32 oz./lyd.	54 in.
732007	PSP-007ADF	Ebony	10 yd.	32 oz./lyd.	54 in.
731683	PSQ-104ADF	Evergreen	10 yd.	32 oz./lyd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
731671	PSQ-105ADF	Foam	10 yd.	32 oz./lyd.	54 in.
732010	PSP-010ADF	Hampton	10 yd.	32 oz./lyd.	54 in.
732013	PSP-013ADF	Lighthouse Red	10 yd.	32 oz./lyd.	54 in.
732014	PSP-014ADF	Lotion	10 yd.	32 oz./lyd.	54 in.
731676	PSQ-107ADF	Maple	10 yd.	32 oz./lyd.	54 in.
732015	PSP-015ADF	Marble	10 yd.	32 oz./lyd.	54 in.
731679	PSQ-106ADF	Marigold	10 yd.	32 oz./lyd.	54 in.
732016	PSP-016ADF	Midnight	10 yd.	32 oz./lyd.	54 in.
732017	PSP-017ADF	Mist	10 yd.	32 oz./lyd.	54 in.
732019	PSP-019ADF	Navy	10 yd.	32 oz./lyd.	54 in.
732020	PSP-020ADF	Oyster	10 yd.	32 oz./lyd.	54 in.
731682	PSQ-109ADF	Peacock	10 yd.	32 oz./lyd.	54 in.
732022	PSP-022ADF	Pelican	10 yd.	32 oz./lyd.	54 in.
731672	PSQ-110ADF	Pewter	10 yd.	32 oz./lyd.	54 in.
732023	PSP-023ADF	Royal	10 yd.	32 oz./lyd.	54 in.
731675	PSQ-111ADF	Satchel	10 yd.	32 oz./lyd.	54 in.
732025	XSP-025ADF	Sea White	10 yd.	32 oz./lyd.	54 in.
731673	PSQ-113ADF	Slate	10 yd.	32 oz./lyd.	54 in.
732026	PSP-026ADF	Smoke	10 yd.	32 oz./lyd.	54 in.
731678	PSQ-114ADF	Sunflower	10 yd.	32 oz./lyd.	54 in.
732029	PSP-029ADF	Too White	10 yd.	32 oz./lyd.	54 in.
732030	PSP-030ADF	White Ice	10 yd.	32 oz./lyd.	54 in.

Item Number	Style Number	Color	Put Up	Weight	Width
734318	513832	Cyberspace	40 yd.	30 oz./lyd.	54 in.
734347	517584	Daiquiri	40 yd.	30 oz./lyd.	54 in.
734323	513952	Daredevil	40 yd.	30 oz./lyd.	54 in.
734328	513900	Eclipse	40 yd.	30 oz./lyd.	54 in.
734325	514009	Galapagos	40 yd.	30 oz./lyd.	54 in.
734336	517585	Heron	40 yd.	30 oz./lyd.	54 in.
734332	513660	Lemon Drop	40 yd.	30 oz./lyd.	54 in.
734363	517910	Mandarin	40 yd.	30 oz./lyd.	54 in.
734334	517586	Marooned	40 yd.	30 oz./lyd.	54 in.
734337	517587	Nuance	40 yd.	30 oz./lyd.	54 in.
734346	517588	Parakeet	40 yd.	30 oz./lyd.	54 in.
734345	517589	Party Pink	40 yd.	30 oz./lyd.	54 in.
734358	517590	Pennywise	40 yd.	30 oz./lyd.	54 in.
734348	517591	Rain	40 yd.	30 oz./lyd.	54 in.
734329	513659	Riviera	40 yd.	30 oz./lyd.	54 in.
734359	517592	Root Beer	40 yd.	30 oz./lyd.	54 in.
734313	513903	Sand Dollar	40 yd.	30 oz./lyd.	54 in.
734319	514287	Sandshell	40 yd.	30 oz./lyd.	54 in.
734326	513887	Techno Gray	40 yd.	30 oz./lyd.	54 in.
734331	513937	Totally Tan	40 yd.	30 oz./lyd.	54 in.
734349	517593	Wild Orchid	40 yd.	30 oz./lyd.	54 in.

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## Nautolex® Capitano™ Marine Vinyl Upholstery

Capitano is formulated with quality pigments and additives to resist fading, bacteria and mildew growth. The colors selected for Capitano coordinate with all of today's interior carpeting, exterior gel systems, graphics and interior trim components. The sturdy, expanded construction utilizes a heavy-duty, 100% polyester filament backing that has superior strength and great stretch and set qualities. It is perfect for today's seat designs, which involve tailoring around tight corners. It has a durable skin layer, which is resistant to picking and abrasion and cleans easily.

<b>Fabric</b>	Cotton Twill, 65% Polyester/35% Cotton, Napped One Side
<b>Finish</b>	Vinyl
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
734322	519970	Beach White	40 yd.	30 oz./lyd.	54 in.
734327	513846	Blue Chip	40 yd.	30 oz./lyd.	54 in.
734357	517582	Cancun Blue	40 yd.	30 oz./lyd.	54 in.
734362	518236	Cityscape	40 yd.	30 oz./lyd.	54 in.
734311	513658	Cloud White	40 yd.	30 oz./lyd.	54 in.
734312	514006	Conch Shell	40 yd.	30 oz./lyd.	54 in.
734344	517583	Cornerstone	40 yd.	30 oz./lyd.	54 in.

## Nautolex® Capitano™ Foam Back

This fabric is produced from top-quality upholstery fabric with a 1/4 in. polyether urethane foam that is flame laminated to the backside and stabilized to minimize the hardening and drying that is common in other foams. It also has an antimicrobial treatment to prevent the growth of mold and mildew. As a result, this headliner fabric will stand up to the high temperatures and moist conditions of harsh marine environments.

High quality adhesives should be used with the headliner fabric and care must be taken to avoid pooling of adhesive on the headliner fabric or the surface the fabric is to be secured to.

<b>Fabric</b>	Vinyl, flame-laminated with 1/4-in. polyether urethane foam
<b>Finish</b>	PreFixx®
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
733125	513658	Cloud White	20 yd.	34 oz./lyd.	54 in.
733126	514006	Conch Shell	20 yd.	34 oz./lyd.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions, Inc.

## Nautolex® Capitano™ Channeling

Nautolex Capitano Channeling is a 1-1/2 inch wide handsomely styled, quilted fabric. It exhibits outstanding resistance to stains, abrasion, scuffing and burnishing, and it cleans up easily. It is formulated with the highest quality pigments and additives to resist fading, bacteria and mildew growth.

<b>Fabric</b>	Vinyl Coated 100% Polyester
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
734283	513658	Cloud White	20 yd.	37.3 oz./yd.	54 in.
734280	514006	Conch Shell	20 yd.	37.3 oz./yd.	54 in.

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## Nautolex® SofDura®

SofDura is a heavy weight marine grade upholstery product with a softer than average hand. Superior durability for heavy-duty areas such as seating and backing. Water repellent and excellent resistance to abrasion, scuffing, mildew and fading caused by UV exposure. Protected with the unique PreFixx® protective finish that resists staining and provides exceptional ease of cleaning. 100% polyester filament backing.

<b>Fabric</b>	100% Vinyl Face, Polyester Knit Backing
<b>Finish</b>	PreFixx®
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
734230	514444	Mystic White	40 yd.	30 oz./yd.	54 in.
734231	520200	Shell	40 yd.	30 oz./yd.	54 in.
734235	514448	Stone	40 yd.	30 oz./yd.	54 in.

Nautolex®, PreFixx® and SofDura® are registered trademarks of OMNOVA Solutions, Inc.

## Nautolex® Voyager

The finest marine grade vinyl, Nautolex Voyager is coated with a PreFixx® protective finish so it can be cleaned easily, over and over, without showing signs of wear. The special finish provides excellent stain, scuff and abrasion resistance. And, it protects against damaging UV rays to assure long-lasting bright colors. Applications include exterior or interior cushions, boat seat covers, pillows and more.

<b>Fabric</b>	Marine Grade Coated Vinyl
<b>Finish</b>	PreFixx®
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Put Up	Weight	Width
733066	518427	Mystic White	40 yd.	30 oz./yd.	54 in.
733068	513716	Off White	40 yd.	30 oz./yd.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions, Inc.

## Nautolex® Voyager Channeling

This fabric's special PreFixx® protective finish provides excellent stain, scuff and abrasion resistance, and protects against damaging UV rays to assure long-lasting colors.

<b>Fabric</b>	Nautolex Voyager with 6.6 oz. polyester backing
<b>Finish</b>	PreFixx®
<b>Warranty</b>	None

Item Number	Style Number	Color	Put Up	Weight	Width
734275	NAU771	Mystic White	20 yd.	49.5 oz./yd.	54 in.
734277	NAU773	Off White	20 yd.	49.5 oz./yd.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions Inc.





## Canvex®

A translucent, reinforced plastic sheeting manufactured by weaving high-density polyethylene ribbons and coating them with a low-density polyethylene. This special weaving process produces a highly tear-resistant film that allows the ribbons to shift and “bunch up” in response to a tearing force. Canvex is commonly used for applications requiring exceptional tear resistance and minimal weight, including use on construction sites to enclose buildings and cover materials during construction. Other common applications for Canvex include temporary walls, abatement enclosures, equipment covers, silage and cargo covers, carpet and product wrappings, curtains, and insulation membranes. Also used as inexpensive pattern cloth.

Canvex I has the polyethylene coating on one side. Canvex II has the polyethylene coating on both sides.

Sold in full rolls only.

<b>Fabric</b>	Woven High Density Polyethylene
<b>Finish</b>	Low Density Polyethylene

Item Number	Description	Color	Put Up	Weight	Width
971652	Canvex I	Clear	100 yd.	2.31 oz./sq. yd.	81 in.
971651	Canvex II	Clear	100 yd.	2.88 oz./sq. yd.	72 in.

Canvex® is a registered trademark of Raven Indus

## Nautolex® Underlining

Highly durable fabric used by seat manufacturers to cover boat seat bottoms, hiding springs and screws from sight.

<b>Fabric</b>	Textured Matte Vinyl Polyester Mesh
<b>Finish</b>	Textured Matte Vinyl

Item Number	Style Number	Color	Put Up	Weight	Width
734305	524147	Almond	100 yd.	7 oz./sq. yd.	54 in.
734302	524148	Black	100 yd.	7 oz./sq. yd.	54 in.
734303	524146	Light Gray	100 yd.	7 oz./sq. yd.	54 in.
734304	522288	White	100 yd.	7 oz./sq. yd.	54 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc.

## Nautolex® Marine Flooring

Nautolex Marine Flooring is non-absorbent, impervious to gasoline, oil and battery acid. UV, mildew and water resistance enable these materials to last many years out in sun, salt water and other harsh weather elements. It has a no-slip texture and is ergonomic.

<b>Fabric</b>	Vinyl
<b>Finish</b>	Acrylic Top Coat
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
734391	522755	Shark	25 yd.	50 oz./ly. yd.	74 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc.



## Visilite®

The Visilite® product line from Trivantage® is designed to service all clear vinyl requirements. An industry leader, Visilite FR passed NFPA 701 Test Method 2 and is Berry compliant. Visilite is offered in a wide variety of thicknesses and put-ups to best service your needs. Made in the USA.

<b>Fabric</b>	Double-Polished Clear Vinyl
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Item Number	Description	Color	Put Up	Thickness	Width
972474	Double Polished, Fire Retardant, Dusted	Clear	82 yd.	0.012 in	61 in.
972485	Double Polished, Fire Retardant, Interleaf	Clear	29 yd.	0.02 in	54 in.
972463	Double Polished, Fire Retardant	Clear	29 yd.	0.02 in	54 in.
972471	Double Polished, Fire Retardant	Clear	42 yd.	0.02 in	61 in.
972465	Double Polished, Fire Retardant	Clear	19 yd.	0.03 in	54 in.
972481	Double Polished, Interleaf	Clear	30 yd.	0.02 in	54 in.
972483	Double Polished, Interleaf	Clear	20 yd.	0.03 in	54 in.
972440	Double Polished	Clear	94 yd.	0.012 in	54 in.
972442	Double Polished	Clear	70 yd.	0.016 in	54 in.
972444	Double Polished	Clear	30 yd.	0.02 in	54 in.
972486	Double Polished	Clear	5 yd.	0.02 in	54 in.
972445	Double Polished	Clear	60 yd.	0.02 in	54 in.
972446	Double Polished	Clear	20 yd.	0.03 in	54 in.
972447	Double Polished	Clear	40 yd.	0.03 in	54 in.
972450	Double Polished	Smoke	95 yd.	0.012 in	54 in.
972453	Double Polished	Smoke	28 yd.	0.02 in	54 in.
972454	Double Polished	Smoke	57 yd.	0.02 in	54 in.
972456	Double Polished	Smoke	19 yd.	0.03 in	54 in.
972458	Double Polished	Smoke	38 yd.	0.03 in	54 in.
972476	Extruded	Clear	20 yd.	0.03 in	54 in.
972478	Extruded	Clear	15 yd.	0.04 in	54 in.

Visilite® and Trivantage® are registered trademarks of Glen Raven, Inc.

## PanoramaFR Uncoated Press-Polished Sheets

PanoramaFR uncoated press-polished clear vinyl sheets provide exceptional clarity and dimensional stability. This flame-resistant clear vinyl is waterproof, cold crack resistant, and haze resistant. Great for indoor or outdoor use, the high-strength clear vinyl is ideal for motorized retractable screens. When used in a retractable drop screen, PanoramaFR offers UV protection, temperature control, and a panoramic view. Prop 65 Compliant (Phthalate Free). Heat sealable.

Clear vinyl material will contract and expand with fluctuating temperatures. Be sure to allow 1% for shrinkage when cutting.

Suggested uses: motorized retractable screens, retractable drop screens.

<b>Fabric</b>	Vinyl
<b>FR Standards Met</b>	FMVSS 302; California 117E; California Title 19 Section 1237 (small scale)

Item Number	Color	Put Up	Size	Thickness
972376	Clear	10/drum	50 in. x 106 in.	0.020

## Regalite® Fenestra Uncoated Press-Polished Sheets

With high flame standards and a very minimal shrinkage factor (1%), Fenestra is the clear choice for outdoor enclosure projects such as restaurant windows and patios, sunrooms and greenhouses. Made in the USA.

Sold in full drums only.

<b>Fabric</b>	Vinyl
<b>FR Standards Met</b>	FMVSS 302; California 117E; California Title 19 Section 1237 (small scale), 0.030 Gauge: FMVSS 302; California 117E
<b>Warranty</b>	2-Year Limited Warranty

Item Number	Color	Put Up	Size	Thickness
972360	Clear	5/drum	54 in. x 110 in.	0.020

Regalite® is a registered trademark of O'Sullivan Films.

## Verilon® Clear Double-Polished Vinyl Rolls

Verilon clear vinyl rolls are highly robust. A double-polished surface gives the vinyl glassy clarity. The clear plastic vinyl defends against UV rays and weather. Uses include enclosures, marine windshields, boat windows, boat tops, and other marine purposes.

Clear vinyl will shrink and grow with alternating temperature levels. It is best to allow 1% for shrinkage when cutting. Because it is malleable, vinyl material can easily be scratched. Take care when handling the material.

Item Number	Description	Color	Put Up	Thickness	Width
972115		Clear	35 yd.	0.016	54 in.
972019		Clear	30 yd.	0.020	54 in.
972020		Clear	61 yd.	0.020	54 in.
972036		Clear	20 yd.	0.030	54 in.
972035		Clear	40 yd.	0.030	54 in.
972024	Cold Crack UVI	Clear	60 yd.	0.020	54 in.

Verilon® is a registered trademark of CPI, Inc.

## Verilon® Clear Double-Polished Vinyl Rolls – Flame Retardant

Verilon flame-retardant clear vinyl rolls offer dependable protection. The vinyl's double-polished finish brings superior clarity, while the clear plastic vinyl withstands UV rays, heat, and harsh weather. Vinyl material can be prone to scratching and care needs to be employed when handling. Clear vinyl will shrink and expand with fluctuating temperature levels. Please allow a minimum of 2% shrinkage when cutting.

Suggested uses: commercial patio enclosures and tent windows. Some items are drop ship only.

<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA-701 TM1
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Item Number	Color	Put Up	Thickness	Width
972022	Clear	100 yd.	0.012	54 in.
972023	Clear	50 yd.	0.012	54 in.
972026	Clear	72 yd.	0.016	54 in.
972072	Clear	40 yd.	0.030	50 in.

Verilon® is a registered trademark of CPI, Inc.

## GlassClear® Double-Polished Vinyl Rolls

Clear Vinyl will contract and expand with changing temperatures. Allow 1% for shrinkage when cutting clear vinyl.

Sold in full rolls only.

Item Number	Color	Put Up	Thickness	Width
972005	Clear	30 yd.	0.040	54 in.

GlassClear® is a registered trademark of Ascot Products Inc. (Robeco).

## GlassClear® Extruded Vinyl

A clear, economical vinyl that is a superb source for building marine enclosures rather than many typical vinyl sheets offered on the market. Great for clear vinyl window replacements as it adapts nicely to the existing vinyl. Because this specialty clear vinyl is extruded rather than laminated, the clarity is superior to other clear vinyl roll goods.

Item Number	Description	Color	Put Up	Thickness	Width
972302	Soft Hand	Clear	20 yd.	0.030	54 in.

GlassClear® is a registered trademark of Ascot Products Inc. (Robeco).





## Strataglass® Vinyl Sheets

A remarkably clear and scratch-resistant vinyl sheet, Strataglass performs well in boat curtain, automotive window and awning applications, where perfection of clarity and lack of distortion are demanded. This premium, flexible vinyl sheet resists scratching from handling, etching from industrial fallout and damaging effects from the sun's rays. Made in the USA.

Strataglass, Inc., manufacturers of Strataglass® and CrystalClear, endorse IMAR™ Strataglass Protective Cleaner and IMAR Strataglass Protective Polish for maximum benefit recommend its regular use on Strataglass and CrystalClear.

<b>Fabric</b>	Pressed-Polished Vinyl
<b>Finish</b>	Scratch Resistant, UV Blocking Urethane
<b>Warranty</b>	2-Year Limited Warranty

Item Number	Color	Put Up	Size	Thickness
972209	Clear	2/drum	54 in. x 110 in.	0.030
972208	Clear	3/drum	54 in. x 110 in.	0.030
972207	Clear	5/drum	54 in. x 110 in.	0.030
972346	Clear	1/drum	54 in. x 110 in.	0.040
972202	Clear	2/drum	54 in. x 110 in.	0.040
972201	Clear	3/drum	54 in. x 110 in.	0.040
972200	Clear	5/drum	54 in. x 110 in.	0.040
972203	Clear	2/drum	54 in. x 110 in.	0.060
971902	Clear	3/drum	54 in. x 110 in.	0.060
972205	Light Smoke	3/drum	54 in. x 110 in.	0.040
972204	Light Smoke	5/drum	54 in. x 110 in.	0.040

Strataglass® is a registered trademark of Strataglass, LLC.

## CrystalClear

These uncoated press-polished vinyl sheets offer exceptional clarity and flexibility. With excellent UV stability, CrystalClear resists clouding, yellowing and cracking to provide phenomenal visual light transmission. Heat sealable. Made in the USA.

Item Number	Color	Put Up	Size	Thickness
972219	Clear	2/drum	54 in. x 110 in.	0.030
972218	Clear	3/drum	54 in. x 110 in.	0.030
972217	Clear	5/drum	54 in. x 110 in.	0.030
972212	Clear	2/drum	54 in. x 110 in.	0.040
972211	Clear	3/drum	54 in. x 110 in.	0.040
972210	Clear	5/drum	54 in. x 110 in.	0.040
972215	Light Smoke	3/drum	54 in. x 110 in.	0.040
972214	Light Smoke	5/drum	54 in. x 110 in.	0.040

## O'Sea® Coated Press Polished Sheets

O'Sea press polished sheets are ideally suited for applications where exceptional optical clarity and durability are important. These include marine windows, and other enclosures. O'Sea advantages include: Scratch resistance, UV durability, optical clarity, superior stain and chemical resistance and made in the USA.

<b>Fabric</b>	PVC Clear Pressed Polished Vinyl
<b>Finish</b>	Scratch, Stain & Chemical Resistance, UV Durability
<b>Warranty</b>	2-Year Limited Warranty

Item Number	Color	Put Up	Size	Thickness
972179	Clear	3/drum	54 in. x 110 in.	0.030
972180	Clear	5/drum	54 in. x 110 in.	0.030
972164	Clear	3/drum	54 in. x 110 in.	0.040
972163	Clear	5/drum	54 in. x 110 in.	0.040
972186	Clear	3/drum	54 in. x 110 in.	0.060
972183	Smoke	3/drum	54 in. x 110 in.	0.040

O'Sea® is a registered trademark of O'Sullivan Films.

## Regalite® Uncoated Press-Polished Sheets

Regalite clear vinyl delivers high-strength performance for your next marine project. The vinyl sheets are press polished for maximum clarity. Highly flexible yet stable, the vinyl material is easy to work with. A durable vinyl designed for clarity, it resists weathering, hazing, and tearing. The clear plastic vinyl excels in boat covers, marine windows, dodgers, boat curtains, patio enclosures, awnings, and others. Die-cut sheets.

Sold in full drums only. Some items are drop ship only.

Warranty		2-Year Limited Warranty			
Item Number	Color	Put Up	Size	Thickness	
972347	Clear	5/drum	54 in. x 110 in.	0.020	
972169	Clear	3/drum	54 in. x 110 in.	0.030	
972153	Clear	5/drum	54 in. x 110 in.	0.030	
972171	Clear	3/drum	54 in. x 110 in.	0.040	
972162	Clear	5/drum	54 in. x 110 in.	0.040	
972342	Smoke	5/drum	54 in. x 110 in.	0.030	
972340	Smoke	5/drum	54 in. x 110 in.	0.040	

Regalite® is a registered trademark of O'Sullivan Films.

## Regalite® / O'Sea® Firma Press-Polished Sheets

Specifically formulated for those who desire a stiffer hand, FIRMA sheets are harder and less flexible than standard Regalite and O'Sea.

Sold in full drums only.

Warranty		2-Year Limited Warranty			
Item Number	Description	Color	Put Up	Size	Thickness
972363	O'Sea Coated	Clear	5/drum	54 in. x 110 in.	0.040
972362	Regalite Uncoated	Clear	5/drum	54 in. x 110 in.	0.040

Regalite® and O'Sea® are registered trademarks of O'Sullivan Films.

## Visilite® AR Polycarbonate Sheets

Visilite AR polycarbonate sheets provide excellent abrasion resistance, optical clarity and UV defense. Minimizes scuffing and visual imperfections to provide a transparent, long-lasting solution for marine or other windows. Lightweight, easy to fabricate and clean, and withstands weather extremes. Suggested uses: boat enclosures and side and aft windows.

Finish		Two-sided hard coat		
Item Number	Color	Put Up	Size	Thickness
971822	Clear	1/drum	48 in. x 96 in.	0.060
971823	Clear	3/drum	48 in. x 96 in.	0.060
971824	Clear	5/drum	48 in. x 96 in.	0.060

Visilite® is a registered trademark of Glen Raven, Inc.

## TUFFAK® (Makrolon®) Marine 5

TUFFAK® Marine 5 polycarbonate sheets are designed for applications demanding high optical clarity, exceptional durability, and longevity against the harsh marine environment. With low optical distortion for clear views and unparalleled sight lines, the advanced hard coat technology provides excellent abrasion resistance, enhanced clarity, chemical resistance, and long lasting outdoor weathering performance. Can be easily cut and sewn. Items are drop ship only.

Finish		Two-sided hard coat		
Warranty		5-Year Limited Warranty		
Item Number	Color	Put Up	Size	Thickness
971810	Clear	1/drum	50 in. x 110 in.	0.060
971811	Clear	3/drum	50 in. x 110 in.	0.060
971812	Clear	5/drum	50 in. x 110 in.	0.060
971813	Clear	1/drum	60 in. x 110 in.	0.080

TUFFAK® is a registered trademark of Covestro Deutschland AG. Makrolon® is a registered trademark of Plaskolite Massachusetts, LLC.

## TUFFAK® (Makrolon®) AR2

TUFFAK AR2 abrasion resistant polycarbonate sheet offers a glasslike surface hardness, along with the impact strength of polycarbonate. TUFFAK AR2 offers resistance from yellowing and hazing for longer service life in high profile applications.

<b>Finish</b>	Two-sided hard coat
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Item Number	Color	Put Up	Size	Thickness
971800	Clear	1/drum	48 in. x 96 in.	0.060
971801	Clear	3/drum	48 in. x 96 in.	0.060
971802	Clear	5/drum	48 in. x 96 in.	0.060

TUFFAK® is a registered trademark of Covestro Deutschland AG. Makrolon® is a registered trademark of Plaskolite Massachusetts, LLC.

## TUFFAK® (Makrolon®) VR

TUFFAK® VR polycarbonate sheets are designed for high optical quality and exceptional durability. With low optical distortion for clear views and unparalleled sight lines, the proprietary UV technology ensures long lasting outdoor weathering performance and shades occupants from the sun's harmful UV rays. Can be easily cut and sewn.

<b>Warranty</b>	5-Year Limited Warrantly Against Breakage
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Item Number	Color	Put Up	Size	Thickness
971815	Clear	1/drum	52 in. x 110 in.	0.040
971816	Clear	3/drum	52 in. x 110 in.	0.040
971817	Clear	5/drum	52 in. x 110 in.	0.040

TUFFAK® is a registered trademark of Covestro Deutschland AG. Makrolon® is a registered trademark of Plaskolite Massachusetts, LLC.

## Sea Clear Polycarbonate

Clear, thin-gauge polycarbonate for side and aft windows. Gives clear visibility and good light transmission.

Recommended Handling of Sea Clear:

A masking film is used on both sides of the Sea Clear sheet or roll to prevent scratching during shipment and fabrication.

For the best protection against abrasion damage to Sea Clear rolls, always store in and dispense from the specially designed box.

No special tools or equipment are necessary to work with Sea Clear. Just cut and sew with your existing equipment.

Don't forget to peel mask off when job is completed.

The creative use of Sea Clear provides a clearer, longer lasting solution for marine or other window applications that do not require roll-up (Sea Clear is not appropriate for traditional roll-up applications).

Item Number	Color	Put Up	Size	Thickness
971830	Clear	1/drum	48 in. x 96 in.	0.030
971730	Clear	10 yd.	48.5 in. x 10 yd.	0.030
971840	Clear	1/drum	48 in. x 96 in.	0.040

## Michigan Cloth – Cordura®

Cordura Plus is a textured nylon for a natural spun-like appearance, with excellent resistance to abrasion, rot and mildew. Quick drying, and highly water-repellent.

Suggested uses: Courier bags, insulated food service carriers, gun cases, stuff bags, camera bags, wallets, duffel bags, soft-sided luggage, purses, handbags, horse blankets, police and air and sea rescue supply bags, surfboard/ski carrying bags, sporting goods and equipment.

<b>Fabric</b>	1000-Denier Cordura® Nylon
<b>Finish</b>	0.75 oz. Urethane Coated, DWR

Item Number	Color	Denier	Put Up	Weight	Width
726137	Black	1000 UR	50 yd.	9.1 oz./sq. yd.	59 in.
726138	Navy	1000 UR	50 yd.	9.1 oz./sq. yd.	59 in.
726132	Red	1000 UR	50 yd.	9.1 oz./sq. yd.	59 in.

Cordura® is a registered trademark of INVISTA.

## California Oxford Cloth

Lightweight, water-repellent nylon oxford ideal for linings, lightweight bags and promotional items.

<b>Fabric</b>	210-Denier Nylon
<b>Finish</b>	Urethane Coated, DWR

Item Number	Color	Denier	Put Up	Weight	Width
726452	Black	210 D	100 yd.	4 oz./sq. yd.	58 in.
726454	Forest Green	210 D	100 yd.	4 oz./sq. yd.	58 in.
726458	Red	210 D	100 yd.	4 oz./sq. yd.	58 in.
726461	Royal Electric Blue	210 D	100 yd.	4 oz./sq. yd.	58 in.
726450	White	210 D	100 yd.	4 oz./sq. yd.	58 in.

## Kentucky Pack Cloth

Kentucky Pack Cloth is a heavy-duty, 420-denier nylon fabric. It performs well in a variety of recreational functions, like tarps, bags, and horse blankets. Coated in a DWR, 3/4-oz. urethane, this nylon fabric is highly water repellent and durable.

<b>Fabric</b>	420-Denier Nylon
<b>Finish</b>	3/4 oz. Urethane Coated, DWR

Item Number	Color	Denier	Put Up	Weight	Width
726202	Black	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726210	Burgundy	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726215	Charcoal	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726211	Electric Blue	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.

Item Number	Color	Denier	Put Up	Weight	Width
726224	Fluorescent Orange	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726204	Forest Green	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726212	Light Navy	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726223	True Red	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726200	White	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726229	Woodland Camo	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.
726219	Yellow	420 Semi-Dull	70 yd.	5.2 oz./sq. yd.	58 in.

## Oregon Oxford Cloth

This popular lightweight construction is urethane back-coated, rendering a good degree of water repellency while maintaining a soft hand. Not affected by rot or mildew.

Suggested uses: Bicycle bags, storage covers, apparel, duffel bags, wallets, backpacks, ski-cases and handbags.

<b>Fabric</b>	200-Denier Nylon
<b>Finish</b>	1/2-3/4 oz. Urethane Coating, DWR

Item Number	Color	Denier	Put Up	Weight	Width
724322	Black	200 UR	100 yd.	3.5 oz./sq. yd.	59 in.
724323	Navy Blue	200 UR	100 yd.	3.5 oz./sq. yd.	59 in.

## Montana Cloth

An economical alternative for the 1000-Denier nylon fabrics, Montana is a water-resistant fabric with excellent resistance to scuffing and pilling. It stands up to demanding use and has a long-lasting colorfastness.

Suggested uses: Bags and softsided luggage.

<b>Fabric</b>	100% Polyester
<b>Finish</b>	1.0-1.25 oz. Urethane Coated, DWR

Item Number	Color	Fabric Count	Put Up	Weight	Width
726420	Black	900 x 1200 Denier	60 yd.	10.25 oz./sq. yd.	59/60 in.





## AwnTex® 160

AwnTex 160 delivers excellent solar performance. In a range of unique colors, the mesh fabric adds style to any outdoor space. It shades without trapping heat or airflow. The fabric is flame retardant and resists UV rays, mildew, and water.

AwnTex is suffused with Microban® antimicrobial technology. Microban inhibits the growth of stains and odor-causing bacteria, keeping your awning fabrics clean for longer.

Suggested uses: patio awnings, umbrellas, window covers.

<b>Fabric</b>	Vinyl Encapsulated Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA-701 (Test Method 1 & 2); ASTM E-84
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
863421	NX6	Almond / Brown Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	98 in.
863418	NX6	Almond / Brown Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863415	YIE	Ash Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863402	EF6	Beige	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863409	XMY	Black	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863412	KAW	Brick Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863419	KAX	Cabernet Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863414	YIF	Coal Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863403	EF7	Dark Brown	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863420	NX8	Dark Brown Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	98 in.
863416	NX8	Dark Brown Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863410	DM3	Dark Green	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863408	EF8	Desert Tan	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863405	XM2	Gray	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863413	DBZ	Olive Tweed	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863407	L42	Royal Blue	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863417	NX7	Taupe	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863411	KAV	Terra Cotta	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863404	ODY	White	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863400	EF5	Winter Wheat	36 x 16	30 yd.	14.3 oz./sq. yd.	60 in.
863422	EF5	Winter Wheat	36 x 16	30 yd.	14.3 oz./sq. yd.	98 in.

AwnTex® is a registered trademark of Glen Raven, Inc. Microban® is a registered trademark of Microban Products Company.

## AwnTex® 70

Ideal for awning and umbrella applications. AwnTex gives excellent shading advantages without trapping heat or airflow. Ultraviolet ray and mildew resistant.

AwnTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer.

<b>Fabric</b>	Vinyl Encapsulated Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA-701 (Test Method 1 & 2); ASTM E-84
<b>Warranty</b>	5-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
863209	OF1	Almond	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863215	Z24	Ash Gray	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863225	EF1	Beige	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863201	Z81	Black	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863203	HY0	Royal Blue	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863218	D70	Spruce Green	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.
863206	OC2	White	17 x 11	30 yd.	11.7 oz./sq. yd.	60 in.

AwnTex® is a registered trademark of Glen Raven, Inc. Microban® is a registered trademark of Microban Products Company.

# Phifertex®

Phifertex is a highly stable and durable mesh fabric. It is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

Phifertex Standard is not recommended for use in sling applications.

Suggested uses: outdoor furniture, umbrellas, office furniture, orthopedic equipment, upholstery, safety vests, unique heat-filtering awnings.

Trivantage® makes no claim as to the colorfastness of M96 Christmas Red. Customer should determine suitability of fabric to needs.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997145	186	Almond	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997152	X04	Black	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997149	812	Camel	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997173	M96	Christmas Red	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997150	X11	Grey	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997235	X00	Grey Sand	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997143	406	Lemon Yellow	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997147	G01	Navy	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997146	412	Orange	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997141	G00	Royal Blue	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997171	C09	Spruce	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.
997142	000	White	17 x 11	60 yd.	11.7 oz./sq. yd.	54 in.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



# Phifertex® Plus

Phifertex Plus carries a heavier weight and denser fabric count for heavy-duty projects. The fabric offers reliable protection and comfort. It resists ripping, sagging, and fading.

Phifer's patented Microban® technology supplies an added layer of protection. The antimicrobial solution inhibits the growth of stain and odor-causing bacteria, mold, and mildew for lasting cleanliness.

This product is GREENGUARD® certified and made in the USA.

Suggested uses: sling chairs and other outdoor furniture, umbrellas, roller shades and other sun screens, pergola, canopies.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997298	X04	Black	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997299	BH4	Burlap	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997745	NAK	Copperlite	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997557	DJ7	Dupione Kiwi	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997555	L37	Dupione Poolside	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997316	L96	Dupione Sapphire	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997830	KDU	Dupioni Andorra	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997814	NCE	Dupioni Brindle	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997831	LLP	Dupioni Ice Blue	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997829	KDT	Dupioni Puree	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997289	DB6	Garden Green	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997108	X00	Grey Sand	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997122	CL1	Holly Green	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

Items continue on next page.

## FABRIC SCREEN AND MESH

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997123	406	Lemon Yellow	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997845	KEE	Madras Tweed Clay	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997811	LKU	Madras Tweed Cornflower	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997813	ZEQ	Madras Tweed Ember	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997846	DDV	Madras Tweed Moss	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997812	NCF	Madras Tweed Putty	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997603	LFW	Madras Tweed Surf	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997744	KBO	Madras Tweed Terracotta	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997589	LGD	Metallica Lagoon	22 x 22	60 yd.	15.7 oz./sq. yd.	54 in.
997464	XUP	Metallica Platinum	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997302	KK3	Metallica Salsa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997314	XXG	Metallica Smoke	42 x 14	60 yd.	15.7 oz./sq. yd.	54 in.
997300	OHK	Metallica White	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997747	ZAY	Mica Pearl	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.
997124	GP5	Navy Pier	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997125	G00	Royal Blue	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997295	KG4	Salsa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997288	KF4	Snappy	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997301	LBY	Straw Mat Blue	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997129	OY3	Stucco	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997472	LDC	Tweed Indigo	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997121	000	White	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.

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## Phifertex® Stripes

Featuring a classic stripe design, Phifertex Stripes fabrics are 100% PVC. They combine durable polyester with a protective vinyl coating for reliable defense against harsh climates. The material also resists fading and tearing for lasting utility.

The key benefits of Phifertex fabrics come from their integrated Microban® antimicrobial protection. The solution fights stain and odor-causing bacteria, mold, and mildew.

This product is GREENGUARD® certified to meet strict environmental standards. Made in the USA.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: sling chairs and other sling outdoor furniture.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997429	GY0	Aquafino	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997827	KDW	Brooklyn Stripe Clay	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997468	XUM	Coastline Peacock	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997828	LLR	Cole Stripe Riviera	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997850	LMR	Dakota Stripe Blueprint	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997851	KEG	Dakota Stripe Clay	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997550	L38	Delray Stripe Poolside	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997756	LHR	Elise Stripe Chesapeake	42 x 14	60 yd.	15.8 oz./sq. yd.	54 in.

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997826	OLR	Gradient Cabana Silver Mist	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997473	DAI	Raleigh Stripe Willow	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997433	KG3	Santiago Stripe	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997852	ZHU	Spectrum Stripe Dune	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997616	YAC	Tempo Stone	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997474	LDB	Trixie Stripe Myrtle	42 x 14	60 yd.	15.9 oz./sq. yd.	54 in.
997441	L09	Windsor Stripe Spa	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.
997617	LBX	Winsted Stripe Beach	42 x 14	60 yd.	16.5 oz./sq. yd.	54 in.



## SheerWeave® 1000

SheerWeave 1000 is a ribbed-weave fiberglass fabric. It offers excellent shading while allowing outward visibility and daytime privacy. Average openness is 25%.

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. Their unique light-filtering qualities help reduce fading of drapes, carpets, and indoor furnishings.

SheerWeave 1000 is infused with Microban® antimicrobial product protection, helping to provide an added level of cleanliness that won't wash or wear away. Microban inhibits the growth of stain and odor-causing bacteria, mold, and mildew. It works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

Suggested uses: roll-up shades, Roman shades, folding shades, pleated shades, vertical blinds, drapes, sheers, screens.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance and NFPA 701 TM#2 (large scale), and ASTM E 84 (Class 1)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901965	P03	Antique White	30 yd.	8.8 oz./sq. yd.	36 in.
901967	P03	Antique White	30 yd.	8.8 oz./sq. yd.	48 in.
901970	P03	Antique White	30 yd.	8.8 oz./sq. yd.	72 in.
901981	P03	Antique White	30 yd.	8.8 oz./sq. yd.	84 in.
901973	P02	White	30 yd.	8.8 oz./sq. yd.	36 in.
901977	P02	White	30 yd.	8.8 oz./sq. yd.	72 in.
901980	P02	White	30 yd.	8.8 oz./sq. yd.	84 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.





## SheerWeave® 2000-01

SheerWeave 2000-01 is a basket-weave fabric, designed expressly for applications that require a more opaque and non-directional fabric. Average openness is 5%.

SheerWeave sun control fabrics provide inventive options in window coverings. The distinct light-filtering traits reduce fading of indoor furniture, drapes, and carpets.

SheerWeave 2000-01 is equipped with Microban® antimicrobial product protection, providing an added layer of cleanliness that won't wear or wash away. Microban reduces the growth of stain and odor-causing bacteria, mold, and mildew. It helps keep fabrics cleaner for longer. This fabric is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

Suggested uses: roll-up shades, Roman shades, vertical blinds, folding shades, pleated shades, drapes, sheers, screens.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901845	Q06	Bone / Platinum	30 yd.	14.26 oz./sq. yd.	63 in.
901857	Q06	Bone / Platinum	30 yd.	14.26 oz./sq. yd.	98 in.
901844	Q05	Bone	30 yd.	14.26 oz./sq. yd.	63 in.
901856	Q05	Bone	30 yd.	14.26 oz./sq. yd.	98 in.

Item Number	Style Number	Color	Put Up	Weight	Width
901500	Q10	Bronze	30 yd.	14.26 oz./sq. yd.	126 in.
901847	Q10	Bronze	30 yd.	14.26 oz./sq. yd.	63 in.
901858	Q10	Bronze	30 yd.	14.26 oz./sq. yd.	98 in.
901851	V24	Charcoal / Chestnut	30 yd.	14.26 oz./sq. yd.	63 in.
901862	V24	Charcoal / Chestnut	30 yd.	14.26 oz./sq. yd.	98 in.
901850	V22	Charcoal / Gray	30 yd.	14.26 oz./sq. yd.	63 in.
901861	V22	Charcoal / Gray	30 yd.	14.26 oz./sq. yd.	98 in.
901849	V21	Charcoal	30 yd.	14.26 oz./sq. yd.	63 in.
901860	V21	Charcoal	30 yd.	14.26 oz./sq. yd.	98 in.
901848	V04	Platinum	30 yd.	14.26 oz./sq. yd.	63 in.
901859	V04	Platinum	30 yd.	14.26 oz./sq. yd.	98 in.
901842	P04	White / Bone	30 yd.	14.26 oz./sq. yd.	63 in.
901853	P04	White / Bone	30 yd.	14.26 oz./sq. yd.	98 in.
901843	P05	White / Platinum	30 yd.	14.26 oz./sq. yd.	63 in.
901855	P05	White / Platinum	30 yd.	14.26 oz./sq. yd.	98 in.
901501	P02	White	30 yd.	14.26 oz./sq. yd.	126 in.
901799	P02	White	30 yd.	14.26 oz./sq. yd.	63 in.
901852	P02	White	30 yd.	14.26 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



Item Number	Style Number	Color	Put Up	Weight	Width
901882	V21	Charcoal	30 yd.	12.4 oz./sq. yd.	98 in.
901869	V04	Platinum	30 yd.	12.4 oz./sq. yd.	63 in.
901880	V04	Platinum	30 yd.	12.4 oz./sq. yd.	98 in.
901864	P04	White / Bone	30 yd.	12.4 oz./sq. yd.	63 in.
901875	P04	White / Bone	30 yd.	12.4 oz./sq. yd.	98 in.
901865	P05	White / Platinum	30 yd.	12.4 oz./sq. yd.	63 in.
901876	P05	White / Platinum	30 yd.	12.4 oz./sq. yd.	98 in.
901863	P02	White	30 yd.	12.4 oz./sq. yd.	63 in.
901874	P02	White	30 yd.	12.4 oz./sq. yd.	98 in.

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## SheerWeave® 2100-01

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A basket weave designed expressly for applications that require a more opaque and nondirectional fabric. An ideal fabric for roman shades, roll-ups and vertical blinds. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901867	Q06	Bone / Platinum	30 yd.	12.4 oz./sq. yd.	63 in.
901878	Q06	Bone / Platinum	30 yd.	12.4 oz./sq. yd.	98 in.
901866	Q05	Bone	30 yd.	12.4 oz./sq. yd.	63 in.
901877	Q05	Bone	30 yd.	12.4 oz./sq. yd.	98 in.
901868	Q10	Bronze	30 yd.	12.4 oz./sq. yd.	63 in.
901879	Q10	Bronze	30 yd.	12.4 oz./sq. yd.	98 in.
901873	V24	Charcoal / Chestnut	30 yd.	12.4 oz./sq. yd.	63 in.
901884	V24	Charcoal / Chestnut	30 yd.	12.4 oz./sq. yd.	98 in.
901872	V22	Charcoal / Gray	30 yd.	12.4 oz./sq. yd.	63 in.
901883	V22	Charcoal / Gray	30 yd.	12.4 oz./sq. yd.	98 in.
901871	V21	Charcoal	30 yd.	12.4 oz./sq. yd.	63 in.

## SheerWeave® 2360

Manufactured with ease of fabrication in mind, SheerWeave 2360 is a basket weave designed expressly for those applications that require a more opaque and non-directional fabric. An ideal fabric for Roman and pull-up shades. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901786	Q21	Beige / Pearl Gray	30 yd.	10.5 oz./sq. yd.	63 in.
901777	Q21	Beige / Pearl Gray	30 yd.	10.5 oz./sq. yd.	98 in.
901771	Q20	Beige	30 yd.	10.5 oz./sq. yd.	98 in.
901784	V24	Charcoal / Chestnut	30 yd.	10.5 oz./sq. yd.	63 in.
901770	V24	Charcoal / Chestnut	30 yd.	10.5 oz./sq. yd.	98 in.
901785	V22	Charcoal / Gray	30 yd.	10.5 oz./sq. yd.	63 in.
901778	V22	Charcoal / Gray	30 yd.	10.5 oz./sq. yd.	98 in.
901782	V21	Charcoal	30 yd.	10.5 oz./sq. yd.	63 in.
901776	V21	Charcoal	30 yd.	10.5 oz./sq. yd.	98 in.
901783	P13	Oyster / Beige	30 yd.	10.5 oz./sq. yd.	63 in.
901773	P13	Oyster / Beige	30 yd.	10.5 oz./sq. yd.	98 in.

Items continue on next page.

## FABRIC SCREEN AND MESH

Item Number	Style Number	Color	Put Up	Weight	Width
901775	P14	Oyster / Pearl Gray	30 yd.	10.5 oz./sq. yd.	98 in.
901780	P12	Oyster	30 yd.	10.5 oz./sq. yd.	63 in.
901772	P12	Oyster	30 yd.	10.5 oz./sq. yd.	98 in.
901781	V20	Pearl Gray	30 yd.	10.5 oz./sq. yd.	63 in.
901774	V20	Pearl Gray	30 yd.	10.5 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 2390

Manufactured with ease of fabrication in mind, SheerWeave 2390 is a basket weave designed expressly for those applications that require a more opaque and non-directional fabric. An ideal fabric for Roman and pull-up shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901754	Q21	Beige / Pearl Gray	30 yd.	11.8 oz./sq. yd.	63 in.
901749	Q21	Beige / Pearl Gray	30 yd.	11.8 oz./sq. yd.	98 in.
901796	Q20	Beige	30 yd.	11.8 oz./sq. yd.	126 in.
901753	Q20	Beige	30 yd.	11.8 oz./sq. yd.	63 in.
901747	Q20	Beige	30 yd.	11.8 oz./sq. yd.	98 in.
901757	V32	Charcoal / Alpaca	30 yd.	11.8 oz./sq. yd.	98 in.
901790	V24	Charcoal / Chestnut	30 yd.	11.8 oz./sq. yd.	126 in.
901755	V24	Charcoal / Chestnut	30 yd.	11.8 oz./sq. yd.	63 in.
901744	V24	Charcoal / Chestnut	30 yd.	11.8 oz./sq. yd.	98 in.
901794	V22	Charcoal / Gray	30 yd.	11.8 oz./sq. yd.	126 in.
901756	V22	Charcoal / Gray	30 yd.	11.8 oz./sq. yd.	63 in.
901741	V22	Charcoal / Gray	30 yd.	11.8 oz./sq. yd.	98 in.
901793	V21	Charcoal	30 yd.	11.8 oz./sq. yd.	126 in.
901743	V21	Charcoal	30 yd.	11.8 oz./sq. yd.	98 in.
901795	P13	Oyster / Beige	30 yd.	11.8 oz./sq. yd.	126 in.

Item Number	Style Number	Color	Put Up	Weight	Width
901751	P13	Oyster / Beige	30 yd.	11.8 oz./sq. yd.	63 in.
901742	P13	Oyster / Beige	30 yd.	11.8 oz./sq. yd.	98 in.
901792	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	126 in.
901750	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	63 in.
901748	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	98 in.
901791	P12	Oyster	30 yd.	11.8 oz./sq. yd.	126 in.
901752	P12	Oyster	30 yd.	11.8 oz./sq. yd.	63 in.
901745	P12	Oyster	30 yd.	11.8 oz./sq. yd.	98 in.
901746	V20	Pearl Gray	30 yd.	11.8 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 2390 Performance +

SheerWeave Performance + takes the performance of a traditional SheerWeave fabric "plus" the highly reflective properties of metallization and combines them to achieve the ultimate in sun control protection.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

The metalized coating is fragile and must be handled with care to avoid damage. Do not scrub. Do not use tape, solvents or abrasive cleaners which could damage the fabric coating. Clean with a damp soft cloth using a mild detergent. Rinse with clean water and allow blind to dry in the down position. Do not slide metalized side across surfaces or into the cardboard tube without protective plastic wrapping. Do not use Radio Frequency sealing equipment on metalized fabric. Use only heat bars or ultrasonic sealing equipment for welding.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Metalized Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109 (large and small scale) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
901768	Q21	Beige / Pearl Gray	30 yd.	11.8 oz./sq. yd.	96 in.
901765	Q20	Beige	30 yd.	11.8 oz./sq. yd.	63 in.
901762	Q20	Beige	30 yd.	11.8 oz./sq. yd.	96 in.
901759	V24	Charcoal / Chestnut	30 yd.	11.8 oz./sq. yd.	63 in.
901758	V22	Charcoal / Gray	30 yd.	11.8 oz./sq. yd.	96 in.

Item Number	Style Number	Color	Put Up	Weight	Width
901763	V22	Charcoal	30 yd.	11.8 oz./sq. yd.	63 in.
901767	V21	Charcoal	30 yd.	11.8 oz./sq. yd.	96 in.
901760	P13	Oyster / Beige	30 yd.	11.8 oz./sq. yd.	96 in.
901766	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	96 in.
901769	P12	Oyster	30 yd.	11.8 oz./sq. yd.	96 in.
901761	V20	Pearl Gray	30 yd.	11.8 oz./sq. yd.	96 in.

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## SheerWeave® 2410

A full basket weave designed expressly for those applications that require a more opaque and non-directional fabric, for example: roll-up shades, roller shades, Roman shades and vertical blinds. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901713	Q21	Beige / Pearl Gray	30 yd.	14.1 oz./sq. yd.	63 in.
901727	Q21	Beige / Pearl Gray	30 yd.	14.1 oz./sq. yd.	98 in.
901736	Q20	Beige	30 yd.	14.1 oz./sq. yd.	126 in.
901725	Q20	Beige	30 yd.	14.1 oz./sq. yd.	98 in.
901787	V32	Charcoal / Alpaca	30 yd.	14.1 oz./sq. yd.	126 in.
901733	V32	Charcoal / Alpaca	30 yd.	14.1 oz./sq. yd.	63 in.
901729	V32	Charcoal / Alpaca	30 yd.	14.1 oz./sq. yd.	98 in.
901730	V24	Charcoal / Chestnut	30 yd.	14.1 oz./sq. yd.	126 in.
901714	V24	Charcoal / Chestnut	30 yd.	14.1 oz./sq. yd.	63 in.
901722	V24	Charcoal / Chestnut	30 yd.	14.1 oz./sq. yd.	98 in.
901724	V22	Charcoal / Gray	30 yd.	14.1 oz./sq. yd.	98 in.
901723	V21	Charcoal	30 yd.	14.1 oz./sq. yd.	98 in.
901732	P13	Oyster / Beige	30 yd.	14.1 oz./sq. yd.	126 in.

Item Number	Style Number	Color	Put Up	Weight	Width
901719	P13	Oyster / Beige	30 yd.	14.1 oz./sq. yd.	63 in.
901721	P13	Oyster / Beige	30 yd.	14.1 oz./sq. yd.	98 in.
901734	P14	Oyster / Pearl Gray	30 yd.	14.1 oz./sq. yd.	126 in.
901715	P14	Oyster / Pearl Gray	30 yd.	14.1 oz./sq. yd.	63 in.
901726	P14	Oyster / Pearl Gray	30 yd.	14.1 oz./sq. yd.	98 in.
901731	P12	Oyster	30 yd.	14.1 oz./sq. yd.	126 in.
901737	P12	Oyster	30 yd.	14.1 oz./sq. yd.	98 in.
901738	V20	Pearl Gray	30 yd.	14.1 oz./sq. yd.	126 in.
901720	V20	Pearl Gray	30 yd.	14.1 oz./sq. yd.	63 in.
901728	V20	Pearl Gray	30 yd.	14.1 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 2410 Performance +

SheerWeave Performance + takes the performance of a traditional SheerWeave fabric "plus" the highly reflective properties of metallization and combines them to achieve the ultimate in sun control protection.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

The metalized coating is fragile and must be handled with care to avoid damage. Do not scrub. Do not use tape, solvents or abrasive cleaners which could damage the fabric coating. Clean with a damp soft cloth using a mild detergent. Rinse with clean water and allow blind to dry in the down position. Do not slide metalized side across surfaces or into the cardboard tube without protective plastic wrapping. Do not use Radio Frequency sealing equipment on metalized fabric. Use only heat bars or ultrasonic sealing equipment for welding.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Metalized Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109 (large and small scale) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
901797	Q21	Beige / Pearl Gray	30 yd.	14.1 oz./sq. yd.	96 in.
901798	V22	Charcoal / Gray	30 yd.	14.1 oz./sq. yd.	96 in.
901764	V21	Charcoal	30 yd.	14.1 oz./sq. yd.	96 in.

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## SheerWeave® 2500

This full basket weave is designed for those applications that require more opaque and non-directional fabric. Ideal for roll-up shades, Roman shades and vertical blinds. Average openness 1%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
902492	Q21	Beige / Pearl Gray	30 yd.	16.25 oz./sq. yd.	63 in.
902506	Q21	Beige / Pearl Gray	30 yd.	16.25 oz./sq. yd.	98 in.
902494	Q20	Beige	30 yd.	16.25 oz./sq. yd.	63 in.
902505	Q20	Beige	30 yd.	16.25 oz./sq. yd.	98 in.
902511	V32	Charcoal / Alpaca	30 yd.	16.25 oz./sq. yd.	98 in.
902495	V24	Charcoal / Chestnut	30 yd.	16.25 oz./sq. yd.	63 in.
902504	V24	Charcoal / Chestnut	30 yd.	16.25 oz./sq. yd.	98 in.
902601	V22	Charcoal / Grey	30 yd.	16.25 oz./sq. yd.	98 in.
902490	P13	Oyster / Beige	30 yd.	16.25 oz./sq. yd.	63 in.
902493	P14	Oyster / Pearl Gray	30 yd.	16.25 oz./sq. yd.	63 in.
902502	P14	Oyster / Pearl Gray	30 yd.	16.25 oz./sq. yd.	98 in.
902491	P12	Oyster	30 yd.	16.25 oz./sq. yd.	63 in.
902501	P12	Oyster	30 yd.	16.25 oz./sq. yd.	98 in.
902507	V20	Pearl / Gray	30 yd.	16.25 oz./sq. yd.	98 in.

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## SheerWeave® 2701

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 1%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901703	P13	Oyster / Beige	30 yd.	14.6 oz./sq. yd.	126 in.
902180	P13	Oyster / Beige	30 yd.	14.6 oz./sq. yd.	63 in.
902185	P13	Oyster / Beige	30 yd.	14.6 oz./sq. yd.	98 in.
901696	P28	Oyster / Charcoal	30 yd.	14.6 oz./sq. yd.	126 in.
902184	P28	Oyster / Charcoal	30 yd.	14.6 oz./sq. yd.	63 in.
902187	P28	Oyster / Charcoal	30 yd.	14.6 oz./sq. yd.	98 in.
901695	P92	Oyster / Chestnut	30 yd.	14.6 oz./sq. yd.	126 in.
902181	P92	Oyster / Chestnut	30 yd.	14.6 oz./sq. yd.	63 in.
902186	P92	Oyster / Chestnut	30 yd.	14.6 oz./sq. yd.	98 in.
902176	P14	Oyster / Pearl Gray	30 yd.	14.6 oz./sq. yd.	126 in.
902194	P14	Oyster / Pearl Gray	30 yd.	14.6 oz./sq. yd.	63 in.
902195	P14	Oyster / Pearl Gray	30 yd.	14.6 oz./sq. yd.	98 in.
902218	P91	Oyster / Pewter	30 yd.	14.6 oz./sq. yd.	126 in.
902183	P91	Oyster / Pewter	30 yd.	14.6 oz./sq. yd.	63 in.
902189	P91	Oyster / Pewter	30 yd.	14.6 oz./sq. yd.	98 in.
901712	P12	Oyster	30 yd.	14.6 oz./sq. yd.	126 in.
902182	P12	Oyster	30 yd.	14.6 oz./sq. yd.	63 in.
902188	P12	Oyster	30 yd.	14.6 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 2703

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901669	V21	Charcoal	30 yd.	14 oz./sq. yd.	98 in.
901683	P13	Oyster / Beige	30 yd.	14 oz./sq. yd.	63 in.
901692	P13	Oyster / Beige	30 yd.	14 oz./sq. yd.	98 in.
901681	P28	Oyster / Charcoal	30 yd.	14 oz./sq. yd.	63 in.
901694	P28	Oyster / Charcoal	30 yd.	14 oz./sq. yd.	98 in.
901682	P92	Oyster / Chestnut	30 yd.	14 oz./sq. yd.	63 in.
901691	P92	Oyster / Chestnut	30 yd.	14 oz./sq. yd.	98 in.
901685	P14	Oyster / Pearl Gray	30 yd.	14 oz./sq. yd.	63 in.
901674	P14	Oyster / Pearl Gray	30 yd.	14 oz./sq. yd.	98 in.
901686	P14	Oyster / Pearl Gray	30 yd.	14 oz./sq. yd.	98 in.
901684	P91	Oyster / Pewter	30 yd.	14 oz./sq. yd.	63 in.
901690	P91	Oyster / Pewter	30 yd.	14 oz./sq. yd.	98 in.
901673	P12	Oyster	30 yd.	14 oz./sq. yd.	126 in.
901680	P12	Oyster	30 yd.	14 oz./sq. yd.	63 in.
901693	P12	Oyster	30 yd.	14 oz./sq. yd.	98 in.

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## SheerWeave® 2705

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901688	P13	Oyster / Beige	30 yd.	11.8 oz./sq. yd.	98 in.
901698	P28	Oyster / Charcoal	30 yd.	11.8 oz./sq. yd.	126 in.
901706	P28	Oyster / Charcoal	30 yd.	11.8 oz./sq. yd.	63 in.
901701	P28	Oyster / Charcoal	30 yd.	11.8 oz./sq. yd.	98 in.
901697	P92	Oyster / Chestnut	30 yd.	11.8 oz./sq. yd.	126 in.
901704	p92	Oyster / Chestnut	30 yd.	11.8 oz./sq. yd.	63 in.
901707	P92	Oyster / Chestnut	30 yd.	11.8 oz./sq. yd.	98 in.
901689	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	126 in.
901687	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	63 in.
901679	P14	Oyster / Pearl Gray	30 yd.	11.8 oz./sq. yd.	98 in.
901702	P21	Oyster / Pewter	30 yd.	11.8 oz./sq. yd.	98 in.
901699	P12	Oyster	30 yd.	11.8 oz./sq. yd.	126 in.
901705	P12	Oyster	30 yd.	11.8 oz./sq. yd.	63 in.
901700	P12	Oyster	30 yd.	11.8 oz./sq. yd.	98 in.

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## SheerWeave® 2710

SheerWeave 2710 is a lightweight, fiberglass fabric woven from a unique twill pattern that displaces the single yarns to create a two-sided fabric. This allows for maximum heat reduction, glare reduction, and improved visibility. Average openness is 10%.

SheerWeave sun control fabrics offer unique alternatives to standard window coverings. Their light-filtering qualities help reduce fading of carpets, drapes, and interior furnishings.

SheerWeave 2710 is armed with Microban® antimicrobial protection, providing an added level of cleanliness protection. Microban discourages the growth of bacteria, mold, and mildew. It works continuously to keep fabrics clean. This fabric is GREENGUARD® and GREENGUARD® Gold certified.

Suggested uses: roll-up shades, Roman shades, vertical blinds, folding shades, pleated shades, drapes, sheers, screens.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
901739	P13	Oyster / Beige	30 yd.	10.4 oz./sq. yd.	98 in.
901709	P28	Oyster / Charcoal	30 yd.	10.4 oz./sq. yd.	63 in.
901711	P28	Oyster / Charcoal	30 yd.	10.4 oz./sq. yd.	98 in.
901708	P92	Oyster / Chestnut	30 yd.	10.4 oz./sq. yd.	63 in.
901710	P92	Oyster / Chestnut	30 yd.	10.4 oz./sq. yd.	98 in.

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## SheerWeave® 3000

An elegant and exquisite shading fabric. This style is ideal for roller shades, roman shades and a variety of other interior sun control applications. Average openness 14%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass/Polyester Yarns
<b>FR Standards Met</b>	NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating) and NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
902014	Q04	Chocolate	30 yd.	13.46 oz./sq. yd.	72 in.
902081	Q04	Chocolate	30 yd.	13.46 oz./sq. yd.	96 in.
902012	Q02	Custard Cream	30 yd.	13.46 oz./sq. yd.	72 in.
902027	Q18	Espresso	30 yd.	13.46 oz./sq. yd.	72 in.
902099	Q18	Espresso	30 yd.	13.46 oz./sq. yd.	96 in.
902072	Q19	Honey Sage	30 yd.	13.46 oz./sq. yd.	72 in.
902111	Q19	Honey Sage	30 yd.	13.46 oz./sq. yd.	96 in.
902011	Q01	Mushroom Sand	30 yd.	13.46 oz./sq. yd.	72 in.
902084	Q01	Mushroom Sand	30 yd.	13.46 oz./sq. yd.	96 in.
902062	V02	Ninja Grey	30 yd.	13.46 oz./sq. yd.	72 in.
902098	V02	Ninja Grey	30 yd.	13.46 oz./sq. yd.	96 in.
902061	V01	Pale Grey	30 yd.	13.46 oz./sq. yd.	72 in.
902001	P01	Pearl White	30 yd.	13.46 oz./sq. yd.	72 in.
902078	P01	Pearl White	30 yd.	13.46 oz./sq. yd.	96 in.
902076	Q17	Sand Dollar	30 yd.	13.46 oz./sq. yd.	72 in.
902083	Q17	Sand Dollar	30 yd.	13.46 oz./sq. yd.	96 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 4000 ECO

SheerWeave 4000 ECO is PVC-free and designed with today's demanding, yet cost-conscious commercial market in mind. Its shading factor and fresh, modern look are ideal for a variety of applications. Can also be used for exterior applications. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Bio-Based Plasticizer Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
902320	U59	Alabaster	30 yd.	19.2 oz./sq. yd.	126 in.
902294	U59	Alabaster	30 yd.	19.2 oz./sq. yd.	63 in.
902301	U59	Alabaster	30 yd.	19.2 oz./sq. yd.	84 in.
902365	U59	Alabaster	30 yd.	19.2 oz./sq. yd.	98 in.
902323	U64	Ash	30 yd.	19.2 oz./sq. yd.	126 in.
902297	U64	Ash	30 yd.	19.2 oz./sq. yd.	63 in.
902309	U64	Ash	30 yd.	19.2 oz./sq. yd.	84 in.
902362	U64	Ash	30 yd.	19.2 oz./sq. yd.	98 in.
902321	U58	Chalk	30 yd.	19.2 oz./sq. yd.	126 in.
902291	U58	Chalk	30 yd.	19.2 oz./sq. yd.	63 in.
902302	U58	Chalk	30 yd.	19.2 oz./sq. yd.	84 in.
902366	U58	Chalk	30 yd.	19.2 oz./sq. yd.	98 in.
902326	U65	Ebony	30 yd.	19.2 oz./sq. yd.	126 in.
902290	U65	Ebony	30 yd.	19.2 oz./sq. yd.	63 in.
902305	U65	Ebony	30 yd.	19.2 oz./sq. yd.	84 in.
902363	U65	Ebony	30 yd.	19.2 oz./sq. yd.	98 in.
902322	U62	Granite	30 yd.	19.2 oz./sq. yd.	126 in.
902296	U62	Granite	30 yd.	19.2 oz./sq. yd.	63 in.
902308	U62	Granite	30 yd.	19.2 oz./sq. yd.	84 in.
902360	U62	Granite	30 yd.	19.2 oz./sq. yd.	98 in.
902325	U61	Greystone	30 yd.	19.2 oz./sq. yd.	126 in.
902295	U61	Greystone	30 yd.	19.2 oz./sq. yd.	63 in.
902307	U61	Greystone	30 yd.	19.2 oz./sq. yd.	84 in.
902361	U61	Greystone	30 yd.	19.2 oz./sq. yd.	98 in.
902324	U60	Pebblestone	30 yd.	19.2 oz./sq. yd.	126 in.
902298	U60	Pebblestone	30 yd.	19.2 oz./sq. yd.	63 in.
902300	U60	Pebblestone	30 yd.	19.2 oz./sq. yd.	84 in.
902364	U60	Pebblestone	30 yd.	19.2 oz./sq. yd.	98 in.
902292	U63	Pewter	30 yd.	19.2 oz./sq. yd.	63 in.
902303	U63	Pewter	30 yd.	19.2 oz./sq. yd.	84 in.

Item Number	Style Number	Color	Put Up	Weight	Width
902368	U63	Pewter	30 yd.	19.2 oz./sq. yd.	98 in.
902327	U66	Tobacco	30 yd.	19.2 oz./sq. yd.	126 in.
902293	U66	Tobacco	30 yd.	19.2 oz./sq. yd.	63 in.
902306	U66	Tobacco	30 yd.	19.2 oz./sq. yd.	84 in.
902367	U66	Tobacco	30 yd.	19.2 oz./sq. yd.	98 in.

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## SheerWeave® 4100 ECO

SheerWeave 4100 ECO is the PVC-free version of SheerWeave 4100. It is similar in style to SheerWeave 4000 but has a slightly more open weave to provide increased outward visibility. Can also be used for exterior applications. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Bio-Based Plasticizer Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
902340	U59	Alabaster	30 yd.	17.5 oz./sq. yd.	63 in.
902312	U59	Alabaster	30 yd.	17.5 oz./sq. yd.	98 in.
902348	U64	Ash	30 yd.	17.5 oz./sq. yd.	63 in.
902338	U64	Ash	30 yd.	17.5 oz./sq. yd.	84 in.
902318	U64	Ash	30 yd.	17.5 oz./sq. yd.	98 in.
902342	U58	Chalk	30 yd.	17.5 oz./sq. yd.	63 in.
902332	U58	Chalk	30 yd.	17.5 oz./sq. yd.	84 in.
902317	U58	Chalk	30 yd.	17.5 oz./sq. yd.	98 in.
902344	U65	Ebony	30 yd.	17.5 oz./sq. yd.	63 in.
902331	U65	Ebony	30 yd.	17.5 oz./sq. yd.	84 in.
902311	U65	Ebony	30 yd.	17.5 oz./sq. yd.	98 in.
902347	U62	Granite	30 yd.	17.5 oz./sq. yd.	63 in.
902337	U62	Granite	30 yd.	17.5 oz./sq. yd.	84 in.
902315	U62	Granite	30 yd.	17.5 oz./sq. yd.	98 in.
902345	U61	Greystone	30 yd.	17.5 oz./sq. yd.	63 in.
902336	U61	Greystone	30 yd.	17.5 oz./sq. yd.	84 in.
902314	U61	Greystone	30 yd.	17.5 oz./sq. yd.	98 in.
902341	U60	Pebblestone	30 yd.	17.5 oz./sq. yd.	63 in.

Items continue on next page.



## FABRIC SCREEN AND MESH

Item Number	Style Number	Color	Put Up	Weight	Width
902333	U60	Pebblestone	30 yd.	17.5 oz./sq. yd.	84 in.
902316	U60	Pebblestone	30 yd.	17.5 oz./sq. yd.	98 in.
902343	U63	Pewter	30 yd.	17.5 oz./sq. yd.	63 in.
902334	U63	Pewter	30 yd.	17.5 oz./sq. yd.	84 in.
902346	U66	Tobacco	30 yd.	17.5 oz./sq. yd.	63 in.
902335	U66	Tobacco	30 yd.	17.5 oz./sq. yd.	84 in.

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## SheerWeave® 4400 ECO

SheerWeave 4400 ECO is the PVC-free version of SheerWeave 4400. It's similar to SheerWeave 4000 but has a 3% openness factor to provide maximum UV blockage. It can also be used for exterior applications.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Bio-Based Plasticizer Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
904483	U59	Alabaster	30 yd.	20.7 oz./sq. yd.	126 in.
904453	U59	Alabaster	30 yd.	20.7 oz./sq. yd.	63 in.
904464	U59	Alabaster	30 yd.	20.7 oz./sq. yd.	84 in.
904476	U59	Alabaster	30 yd.	20.7 oz./sq. yd.	98 in.
904485	U64	Ash	30 yd.	20.7 oz./sq. yd.	126 in.
904458	U64	Ash	30 yd.	20.7 oz./sq. yd.	63 in.
904468	U64	Ash	30 yd.	20.7 oz./sq. yd.	84 in.
904477	U64	Ash	30 yd.	20.7 oz./sq. yd.	98 in.
904482	U58	Chalk	30 yd.	20.7 oz./sq. yd.	126 in.
904450	U58	Chalk	30 yd.	20.7 oz./sq. yd.	63 in.
904461	U58	Chalk	30 yd.	20.7 oz./sq. yd.	84 in.
904472	U58	Chalk	30 yd.	20.7 oz./sq. yd.	98 in.
904487	U65	Ebony	30 yd.	20.7 oz./sq. yd.	126 in.
904454	U65	Ebony	30 yd.	20.7 oz./sq. yd.	63 in.
904460	U65	Ebony	30 yd.	20.7 oz./sq. yd.	84 in.
904470	U65	Ebony	30 yd.	20.7 oz./sq. yd.	98 in.
904480	U62	Granite	30 yd.	20.7 oz./sq. yd.	126 in.
904457	U62	Granite	30 yd.	20.7 oz./sq. yd.	63 in.
904467	U62	Granite	30 yd.	20.7 oz./sq. yd.	84 in.

Item Number	Style Number	Color	Put Up	Weight	Width
904478	U62	Granite	30 yd.	20.7 oz./sq. yd.	98 in.
904484	U61	Greystone	30 yd.	20.7 oz./sq. yd.	126 in.
904456	U61	Greystone	30 yd.	20.7 oz./sq. yd.	63 in.
904466	U61	Greystone	30 yd.	20.7 oz./sq. yd.	84 in.
904473	U61	Greystone	30 yd.	20.7 oz./sq. yd.	98 in.
904486	U60	Pebblestone	30 yd.	20.7 oz./sq. yd.	126 in.
904451	U60	Pebblestone	30 yd.	20.7 oz./sq. yd.	63 in.
904462	U60	Pebblestone	30 yd.	20.7 oz./sq. yd.	84 in.
904471	U60	Pebblestone	30 yd.	20.7 oz./sq. yd.	98 in.
904452	U63	Pewter	30 yd.	20.7 oz./sq. yd.	63 in.
904463	U63	Pewter	30 yd.	20.7 oz./sq. yd.	84 in.
904474	U63	Pewter	30 yd.	20.7 oz./sq. yd.	98 in.
904481	U66	Tobacco	30 yd.	20.7 oz./sq. yd.	126 in.
904455	U66	Tobacco	30 yd.	20.7 oz./sq. yd.	63 in.
904465	U66	Tobacco	30 yd.	20.7 oz./sq. yd.	84 in.
904475	U66	Tobacco	30 yd.	20.7 oz./sq. yd.	98 in.

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## SheerWeave® 4500

Using advances in polyester yarn development, Style 4500 is thinner and lighter weight, allowing for ease of fabrication. Style 4500 is a full basket weave, making it ideal for applications that require a more opaque and non-directional fabric. Can also be used in exterior roller shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
904520	V95	Cappuccino	30 yd.	14.4 oz./sq. yd.	63 in.
904502	V95	Cappuccino	30 yd.	14.4 oz./sq. yd.	98 in.
904501	P06	Chalk	30 yd.	14.4 oz./sq. yd.	98 in.
904522	Q59	Ecru	30 yd.	14.4 oz./sq. yd.	98 in.
904500	Q60	Golden Sand	30 yd.	14.4 oz./sq. yd.	98 in.
904521	P10	Granite	30 yd.	14.4 oz./sq. yd.	63 in.

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## SheerWeave® 4550

Using advances in polyester yarn development, Style 4550 is thinner and lighter weight, allowing for ease of fabrication. Style 4550 is a full basket weave, making it ideal for applications that require a more opaque and non-directional fabric. Can also be used in exterior roller shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
904540	P10	Granite	30 yd.	12.5 oz./sq. yd.	63 in.
904550	P10	Granite	30 yd.	12.5 oz./sq. yd.	98 in.
904551	P65	Linen	30 yd.	12.5 oz./sq. yd.	98 in.

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## SheerWeave® 4600

Using advances in polyester yarn development, Style 4600 is thinner and lighter weight, allowing for ease of fabrication. Woven in a 2x2 basketweave, these fabrics are ideal for applications where a more opaque and non-directional fabric is needed. Can also be used in exterior roller shades. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
904649	V95	Cappuccino	30 yd.	17.4 oz./sq. yd.	98 in.
904651	V95	Cappuccino	30 yd.	17.4 oz./sq. yd.	63 in.

Item Number	Style Number	Color	Put Up	Weight	Width
904600	P06	Chalk	30 yd.	17.4 oz./sq. yd.	98 in.
904606	V10	Ebony	30 yd.	17.4 oz./sq. yd.	98 in.
904650	Q59	Ecru	30 yd.	17.4 oz./sq. yd.	63 in.
904602	Q59	Ecru	30 yd.	17.4 oz./sq. yd.	98 in.
904601	Q60	Golden Sand	30 yd.	17.4 oz./sq. yd.	98 in.
904604	P10	Granite	30 yd.	17.4 oz./sq. yd.	98 in.
904605	V44	Sandstone	30 yd.	17.4 oz./sq. yd.	98 in.

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## SheerWeave® 4650

Using thin polyester yarns and a unique twill weave, Style 4650 is easy to fabricate and offers a distinct two-sided appearance that maximizes both visibility and solar heat reduction. Suitable for exterior roller shades. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
904671	C47	Chestnut	30 yd.	13.3 oz./sq. yd.	63 in.
904670	V45	Coal	30 yd.	13.3 oz./sq. yd.	63 in.
904690	P10	Granite	30 yd.	13.3 oz./sq. yd.	98 in.
904672	P65	Linen	30 yd.	13.3 oz./sq. yd.	63 in.

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## SheerWeave® 5000

SheerWeave Style 5000 jacquard fabrics combine rich, textured yarns with traditional patterns to create a color palette of hushed naturals and rich earth tones. Woven from vinyl coated polyester and uncoated polyester yarns, these fabrics are as durable as they are beautiful. The collection offers a range of classic options designed to suit any style of décor. Style 5000 can also be used in exterior roller shades. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	Vinyl Coated Polyester And Uncoated Polyester Yarns
<b>FR Standards Met</b>	California US Title 19 (small scale), NFPA 701 TM1 (small scale), NFPA 701 TM2 (large scale), California Technical Bulletin 117, BS 5867 Part 2 Type B Performance, NFPA 101 (Class A Rating) and IBC Section 803.1.1 (Class A Rating)
<b>Warranty</b>	10-Year Interior; 5-Year Exterior

Item Number	Style Number	Color	Put Up	Weight	Width
905003	P60	Bamboo / Birch	30 yd.	14.5 oz./sq. yd.	74 in.
905025	P60	Bamboo / Birch	30 yd.	14.5 oz./sq. yd.	98 in.
905008	Q46	Bamboo / Wheat	30 yd.	14.3 oz./sq. yd.	74 in.
905020	Q46	Bamboo / Wheat	30 yd.	14.5 oz./sq. yd.	98 in.
905042	R95	Bark / Sienna	30 yd.	14.1 oz./sq. yd.	98 in.
905012	Q50	Bark / Tiger Oak	30 yd.	14.3 oz./sq. yd.	74 in.
905022	Q50	Bark / Tiger Oak	30 yd.	14.5 oz./sq. yd.	98 in.
905004	R92	Chenille Driftwood	30 yd.	14.3 oz./sq. yd.	74 in.
905045	Q48	Chenille Driftwood	30 yd.	12.3 oz./sq. yd.	98 in.
905001	R90	Chenille Pearl	30 yd.	14.5 oz./sq. yd.	74 in.
905015	Q53	Honeycomb / Brown Sugar	30 yd.	13 oz./sq. yd.	74 in.
905039	Q53	Honeycomb / Brown	30 yd.	13 oz./sq. yd.	98 in.
905018	R88	Jute / Coffee	30 yd.	13.5 oz./sq. yd.	74 in.
905030	U11	Linen / Burlap	30 yd.	16.1 oz./sq. yd.	74 in.

Item Number	Style Number	Color	Put Up	Weight	Width
905049	U11	Linen / Burlap	30 yd.	14.3 oz./sq. yd.	98 in.
905032	R12	Linen / Cinnamon	30 yd.	14.1 oz./sq. yd.	74 in.
905037	R12	Linen / Cinnamon	30 yd.	14.1 oz./sq. yd.	98 in.
905047	Q65	Linen / Clay	30 yd.	14.3 oz./sq. yd.	74 in.
905048	Q65	Linen / Clay	30 yd.	14.3 oz./sq. yd.	98 in.
905038	R11	Linen / Cranberry	30 yd.	14.1 oz./sq. yd.	98 in.
905031	U12	Linen / Cream	30 yd.	16.1 oz./sq. yd.	74 in.
905046	U12	Linen / Cream	30 yd.	14.1 oz./sq. yd.	98 in.
904999	V88	Linen / Fig	30 yd.	14.1 oz./sq. yd.	74 in.
905036	V88	Linen / Fig	30 yd.	14.1 oz./sq. yd.	98 in.
905033	U10	Linen / Topaz	30 yd.	14.1 oz./sq. yd.	74 in.
905041	U10	Linen / Topaz	30 yd.	14.1 oz./sq. yd.	98 in.
905005	Q43	Marble / Sand	30 yd.	14.5 oz./sq. yd.	74 in.
905027	Q43	Marble / Sand	30 yd.	14.5 oz./sq. yd.	98 in.
905009	Q47	Moire / Mocha	30 yd.	12.3 oz./sq. yd.	74 in.
905011	Q49	Rattan / Umber	30 yd.	14.3 oz./sq. yd.	74 in.
905021	Q49	Rattan / Umber	30 yd.	14.5 oz./sq. yd.	98 in.
905044	U29	Seaglass Crystal	30 yd.	14.3 oz./sq. yd.	74 in.
905002	U24	Seaglass Silver	30 yd.	14.3 oz./sq. yd.	74 in.
905017	Q96	Thatch / Wheatgrass	30 yd.	13.5 oz./sq. yd.	74 in.
905024	Q95	Tweed / Buckeye	30 yd.	13.6 oz./sq. yd.	98 in.
905023	Q94	Tweed / Oatmeal	30 yd.	13.6 oz./sq. yd.	98 in.

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## SheerWeave® 7000

SheerWeave 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors, the look and feel of rich cloth and a PVC-free composition, SheerWeave 7000 will enhance the beauty and function of both commercial and residential spaces. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	100% Polyester with Acrylic Flocked Backing
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
907050	P63	Birch	30 yd.	13.41 oz./sq. yd.	118 in.
907001	P63	Birch	30 yd.	13.41 oz./sq. yd.	94 in.
907055	U67	Canvas	30 yd.	13.41 oz./sq. yd.	118 in.
907057	V41	Canyon	30 yd.	13.41 oz./sq. yd.	118 in.
907006	V41	Canyon	30 yd.	13.41 oz./sq. yd.	94 in.
907056	U69	Cocoa	30 yd.	13.41 oz./sq. yd.	118 in.
907010	U67	Cocoa	30 yd.	13.41 oz./sq. yd.	94 in.
907009	Q58	Cocoa	30 yd.	13.41 oz./sq. yd.	94 in.
907058	V39	Graphite	30 yd.	13.41 oz./sq. yd.	118 in.
907004	V39	Graphite	30 yd.	13.41 oz./sq. yd.	94 in.
907054	Q58	Mushroom	30 yd.	13.41 oz./sq. yd.	118 in.
907007	Q58	Mushroom	30 yd.	13.41 oz./sq. yd.	94 in.
907059	V40	Onyx	30 yd.	13.41 oz./sq. yd.	118 in.
907005	V40	Onyx	30 yd.	13.41 oz./sq. yd.	94 in.
907052	P64	Sand	30 yd.	13.41 oz./sq. yd.	118 in.
907002	P64	Sand	30 yd.	13.41 oz./sq. yd.	94 in.
907053	Q57	Wheat	30 yd.	13.41 oz./sq. yd.	118 in.
907003	Q57	Wheat	30 yd.	13.41 oz./sq. yd.	94 in.
907051	P62	White	30 yd.	13.41 oz./sq. yd.	118 in.
907000	P62	White	30 yd.	13.41 oz./sq. yd.	94 in.

SheerWeave® is a registered trademark of Phifer Inc. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 7100

When selecting light-blocking window treatments for a number of rooms within the same building, SheerWeave 7100 is an ideal choice. Similar to SheerWeave 2000, this laminated blackout fabric was designed to match other SheerWeave fabrics for a coordinated look. Made from PVC-coated fiberglass and laminated with a two-ply 100 percent PVC blackout film. SheerWeave 7100 comes in neutral color styles.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	PVC-Coated Fiberglass
<b>Finish</b>	Laminated with 100% 2-Ply PVC Blackout film
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), and BS 5867 2008 Part 2 Type B Performance
<b>Warranty</b>	10-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
907113	Q06	Bone / Platinum	30 yd.	19.8 oz./sq. yd.	96 in.
907114	Q05	Bone	30 yd.	19.8 oz./sq. yd.	96 in.
907110	V21	Charcoal	30 yd.	19.8 oz./sq. yd.	96 in.
907111	P04	White / Bone	30 yd.	19.8 oz./sq. yd.	96 in.
907112	P05	White / Platinum	30 yd.	19.8 oz./sq. yd.	96 in.
907106	P02	White	30 yd.	19.8 oz./sq. yd.	96 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



## SheerWeave® 7400

SheerWeave 7400 provides total light blockage with a decorative texture. An elegant style, SheerWeave 7400 layers an understated textured pattern over a soft, luxurious, opaque blackout backing for total light blockage. This fabric is certified to GREENGUARD® and GREENGUARD® Gold standards for low chemical emissions into indoor air during usage.

Suggested uses: Roller shades and panel tracks.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	100% Polyester with Acrylic Foamed Backing
<b>Finish</b>	PVC-free Acrylic Coating
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), CAN/ULC-S 109 (large and small scale), CAN/CGSB 2-4. 162-M80, NFPA 701 TM#1 (small scale), NFPA 701 TM#2 (large scale)
<b>Warranty</b>	5 Year Interior Only

Item Number	Style Number	Description	Color	Put Up	Weight	Width
907600	U80	Blackout	Cotton	30 yd.	12.53 oz.	118 in.
907607	U87	Blackout	Flint	30 yd.	12.53 oz.	118 in.
907602	U81	Blackout	Parchment	30 yd.	12.53 oz.	118 in.
907603	U83	Blackout	Pebble	30 yd.	12.53 oz.	118 in.
907604	U84	Blackout	Seagrass	30 yd.	12.53 oz.	118 in.
907601	U82	Blackout	Sesame	30 yd.	12.53 oz.	118 in.
907605	U85	Blackout	Shale	30 yd.	12.53 oz.	118 in.
907606	U86	Blackout	Spice	30 yd.	12.53 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 7450

SheerWeave 7450 provides a light-filtering option using the same face fabric as SheerWeave 7400. Style 7450 filters natural light while illuminating interior spaces. This fabric is certified to GREENGUARD® and GREENGUARD® Gold standards for low chemical emissions into indoor air during usage.

Suggested uses: Roller shades and panel tracks.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	100% Polyester with Acrylic Coating
<b>Finish</b>	PVC-free Acrylic Coating
<b>FR Standards Met</b>	California Technical Bulletin 117, IBC Section 803.1.1 (Class A Rating), NFPA 101 (Class A Rating)
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Description	Color	Put Up	Weight	Width
907700	U80	Light Filtering	Cotton	30 yd.	6.54 oz.	118 in.
907707	U87	Light Filtering	Flint	30 yd.	6.54 oz.	118 in.

Item Number	Style Number	Description	Color	Put Up	Weight	Width
907702	U81	Light Filtering	Parchment	30 yd.	6.54 oz.	118 in.
907703	U83	Light Filtering	Pebble	30 yd.	6.54 oz.	118 in.
907704	U84	Light Filtering	Seagrass	30 yd.	6.54 oz.	118 in.
907701	U80	Light Filtering	Sesame	30 yd.	6.54 oz.	118 in.
907705	U85	Light Filtering	Shale	30 yd.	6.54 oz.	118 in.
907706	U86	Light Filtering	Spice	30 yd.	6.54 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 7500

This attractive blackout fabric is an economical option featuring a classic range of neutral colors. Suitable for roller shades, vertical blinds and panel track systems, SheerWeave 7500 is a unique PVC-free coated polyester fabric.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	100% Polyester
<b>Finish</b>	PVC-free Acrylic Coating
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), ASTM E 84 (Class 1), and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
907544	R17	Dune	30 yd.	12.14 oz./sq. yd.	118 in.
907540	R13	Ice	30 yd.	12.14 oz./sq. yd.	118 in.
907548	R21	Orient	30 yd.	12.14 oz./sq. yd.	118 in.

SheerWeave® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 7650

With a classic linen pattern and timeless design, SheerWeave 7650 allows natural light to infuse interior spaces. This fabric is certified to GREENGUARD® and GREENGUARD® Gold standards for low chemical emissions into indoor air during usage.

Sold in full rolls only. Items are drop ship only.

Suggested uses: Roller shades and panel tracks.

<b>Fabric</b>	100% Polyester
<b>Finish</b>	PVC-free Acrylic Coating
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA 701 TM#1 (small scale), BS 5867 Part 2 Type B Performance, CAN/ULC-S 109 (large and small scale)
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Description	Color	Put Up	Weight	Width
907708	U93	Light Filtering	Dove Grey	30 yd.	6.2 oz.	118 in.
907709	U95	Light Filtering	Thunder	30 yd.	6.2 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SheerWeave® 8000

An eco-friendly option for commercial roller shades, SheerWeave 8000 is Cradle to Cradle Certified™ Bronze, PVC-free and 100% recyclable. Maintaining outward views while allowing natural light to filter in makes Style 8000 the ideal choice where environmental sustainability is regarded. With enhanced performance for reducing heat gain and material health rated, Style 8000 is eligible for LEED Material Ingredient Disclosure credits.

Sold in full rolls only. Items are drop ship only.

Suggested uses: Roller shades and panel tracks.

<b>Fabric</b>	100% Polyester
<b>Finish</b>	PVC-free Acrylic Coating
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), BS 5867 2008 Part 2 Type B Performance, IBC Section 803.1.1 (Class A Rating), NFPA 701 TM#1 (small scale), NFPA 701 TM#2 (large scale), CAN/ULC-S 109 (large and small scale), CAN/CGSB2-4. 162-M80, B1 (DIN 4102-1), NFPA 101 (Class A Rating)z
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
907550	S02	Eggshell	30 yd.	7.35 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Inc. Cradle to Cradle Certified™ is a trademark of the Cradle to Cradle Products Innovation Institute.

## SheerWeave® Infinity 2

SheerWeave Infinity 2 is an eco-friendly full basket weave. Emulating the look and engineering of standard SheerWeave fabrics, Infinity core yarn and coating is PVC-free, lead-free and 100% recyclable.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	100% Recycled Content
<b>FR Standards Met</b>	ASTM E-84 (Class I), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), CAN/ULC-S 109-03 Large and CAN/CGSB2-4.162-M80
<b>Warranty</b>	5-Year Interior Only

Item Number	Style Number	Color	Put Up	Weight	Width
902349	PG2	Almond	30 yd.	14.63 oz./sq. yd.	63 in.
902351	QG1	Barley	30 yd.	14.63 oz./sq. yd.	98 in.
902350	PG1	Cotton	30 yd.	14.63 oz./sq. yd.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## SunTex® 80

SunTex 80 is a distinct mesh fabric that absorbs up to 80% of the sun's hot rays. With a 20% open weave, it serves as a well-ventilated privacy screen with great outward viewing while still blocking insects and UV light. When used as an outdoor window shade, it keeps interiors cooler and reduces fading in furniture. Because of this, it is a great energy saver. The durable fabric defends against tearing and pet damage.

Infused with Microban® antimicrobial protection, the material stays cleaner for longer. The integrated solution inhibits the growth of stain and odor-causing bacteria, mold, and mildew.

This item is GREENGUARD® and GREENGUARD® Gold certified. Made in the USA.

Some items sold in full rolls only. Items are drop ship only.

Suggested uses: screening for windows, doors, porches, and patios.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
<b>Warranty</b>	10-Year Exterior

Item Number	Color	Put Up	Weight	Width
903154	Beige	33.3 yd.	13.5 oz./sq. yd.	96 in.
902003	Black	100 ft.	13.5 oz./sq. yd.	60 in.
902006	Black	100 ft.	13.5 oz./sq. yd.	72 in.

Items continue on next page.

## FABRIC SCREEN AND MESH

Item Number	Color	Put Up	Weight	Width
903151	Black	33.3 yd.	13.5 oz./sq. yd.	96 in.
903150	Brown	33.3 yd.	13.5 oz./sq. yd.	96 in.
903155	Dark Bronze	33.3 yd.	13.5 oz./sq. yd.	96 in.
903152	Grey	33.3 yd.	13.5 oz./sq. yd.	96 in.
902092	Stucco	100 ft.	13.5 oz./sq. yd.	48 in.
903153	Stucco	33.3 yd.	13.5 oz./sq. yd.	96 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.



## SunTex® 90

SunTex 90 is a popular mesh fabric that absorbs up to 90% of the sun's rays. With a 10% open weave, it acts as a breathable privacy screen with good outward visibility while still blocking UV light and insects. When used as an outdoor window shade, it keeps rooms cooler and prevents furniture from fading. This makes it a great energy saver. The fabric resists tearing and pet damage.

Furnished with Microban® antimicrobial protection, the material keeps clean for longer. It restricts the growth of bacteria, mold, and mildew.

This item is GREENGUARD® and GREENGUARD® Gold certified. Made in the USA.

Suggested uses: screening for windows, doors, porches, and patios.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
<b>Warranty</b>	10-Year Exterior

Item Number	Color	Put Up	Weight	Width
903120	Beige	30 yd.	17.2 oz./sq. yd.	120 in.
903110	Beige	33.3 yd.	17.2 oz./sq. yd.	96 in.
903122	Black	30 yd.	17.2 oz./sq. yd.	120 in.
902031	Black	100 ft.	17.2 oz./sq. yd.	60 in.
903000	Black	100 ft.	17.2 oz./sq. yd.	72 in.
903114	Black	33.3 yd.	17.2 oz./sq. yd.	96 in.
903121	Brown	30 yd.	17.2 oz./sq. yd.	120 in.
903113	Brown	33.3 yd.	17.2 oz./sq. yd.	96 in.
903124	Dark Bronze	30 yd.	17.2 oz./sq. yd.	120 in.
903115	Dark Bronze	33.3 yd.	17.2 oz./sq. yd.	96 in.
903111	Grey	33.3 yd.	17.2 oz./sq. yd.	96 in.

Item Number	Color	Put Up	Weight	Width
903123	Stucco	30 yd.	17.2 oz./sq. yd.	120 in.
902065	Stucco	100 ft.	17.2 oz./sq. yd.	72 in.
903112	Stucco	33.3 yd.	17.2 oz./sq. yd.	96 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.

## SunTex® 95

SunTex is a unique woven mesh that can block up to 95% of the sun's hot rays before they enter your windows. Mildew and fade resistant, SunTex is ideal for use as a shading fabric on windows, doors and porches and offers good ventilation. This heavy-duty fabric is made of strong vinyl-coated polyester and is resistant to pet damage. Average openness 5%.

SunTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified. Made in USA.

Suggested uses: screening for windows, doors, porches, and patios.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
<b>Warranty</b>	10-Year Exterior

Item Number	Color	Put Up	Weight	Width
903141	Alpaca	30 yd.	15.4 oz./sq. yd.	126 in.
903145	Black	30 yd.	15.4 oz./sq. yd.	126 in.
903148	Carbon	30 yd.	15.4 oz./sq. yd.	126 in.
903146	Chestnut	30 yd.	15.4 oz./sq. yd.	126 in.
903144	Dark Bronze	30 yd.	15.4 oz./sq. yd.	126 in.
903140	Mocha	30 yd.	15.4 oz./sq. yd.	126 in.
903147	Sand	30 yd.	15.4 oz./sq. yd.	126 in.
903149	Stucco	30 yd.	15.4 oz./sq. yd.	126 in.
903143	White / Grey	30 yd.	15.4 oz./sq. yd.	126 in.
903142	White	30 yd.	15.4 oz./sq. yd.	126 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.



## Textilene® Nano™ 60

Twitchell's Textilene® Nano 60 is woven with a thin, lightweight core diameter yarn. This high-performance solar screen fabric is made from antimicrobial, PVC-coated polyester. It is designed to minimize harmful UV rays, heat transfer, and glare. Blocking the sun's rays, the solar screen fabric is flame resistant and fade resistant. It is also a durable substitute to insect screen. The mesh fabric is an excellent energy saver and prevents indoor furnishings from fading. The material offers daytime privacy with exceptional outward clarity. Plus, Textilene can be heat sealed with a Hot Wedge, Hot Air, or Radio Frequency (RF) welder.

Suggested uses: exterior window screens, gazebo screening, interior and exterior roller shades, and patio shades.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California Technical Bulletin 117-2013
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903321	T18FHS002	Black	33.3 yd.	7.3 oz./sq. yd.	96 in.

Textilene® is a registered trademark of Twitchell Corporation.

## SunTex® 97

SunTex 97 is a full basketweave vinyl-coated polyester fabric that is thinner and lighter weight than traditional SunTex. With a 3% openness factor, this fabric offers increased heat and glare control, energy saving, and daytime privacy. SunTex 97 combines supreme durability and style with exterior shading fabric that is pet resistant, mildew and fade resistant, and easily cleaned with mild soap and water.

SunTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified. Made in USA.

Sold in full rolls only. Items are drop ship only.

Suggested uses: sun shades, roller shades, window awnings, and rollup shades.

<b>Fabric</b>	Vinyl Encapsulated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
<b>Warranty</b>	10-Year

Item Number	Color	Put Up	Width
903165	Alpaca	30 yd.	126 in.
903160	Black	30 yd.	126 in.
903168	Carbon	30 yd.	126 in.
903166	Chestnut	30 yd.	126 in.
903164	Dark Bronze	30 yd.	126 in.
903163	Mocha	30 yd.	126 in.
903167	Sandy Beige	30 yd.	126 in.
903169	Stucco	30 yd.	126 in.
903162	White / Grey	30 yd.	126 in.
903161	White	30 yd.	126 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.

## Textilene® Nano™ 95

Twitchell's Textilene Nano 95 is woven with a thin, lightweight core diameter yarn when compared to the original Textilene 95. This high-performing solar screen fabric is made of antimicrobial, PVC-coated polyester. It is built to resist harmful UV rays, heat transfer, and glare. Blocking up to 95% of the sun's rays, the solar screen fabric is flame resistant and fade resistant. It is also a durable alternative to insect screen. The mesh fabric is an excellent energy saver and prevents indoor furnishings from fading. The material supplies daytime privacy with remarkable outside clarity.

Textilene is GREENGUARD® Gold and REACH certified, RoHS compliant, Phthalate and Lead (Pb) free, and meets California Prop. 65 (aside from noting FR chemicals where appropriate). Printable/digital imaging capable. Made in the USA.

Textilene may be heat sealed with a Hot Wedge, Hot Air, or Radio Frequency (RF) welder. We recommend testing a small portion of fabric first to obtain the right temperature level.

Sold in full rolls only. Items are drop ship only.

Suggested uses: exterior window screens, gazebo screening, interior/exterior roller shades, patio shades.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903421	T18FVS026	Black	33 yd.	14.7 oz./sq. yd.	126 in.
903425	T18FVT057	Bone	33 yd.	14.7 oz./sq. yd.	126 in.
903428	T18FVT060	Charcoal	33 yd.	14.7 oz./sq. yd.	126 in.
903429	T18FVT061	Espresso Texture	33 yd.	14.7 oz./sq. yd.	126 in.

Items continue on next page.



## FABRIC SCREEN AND MESH

Item Number	Style Number	Color	Put Up	Weight	Width
903427	T18FVT059	Granite	33 yd.	14.7 oz./sq. yd.	126 in.
903424	T18FVT056	Sable	33 yd.	14.7 oz./sq. yd.	126 in.
903423	T18FVT055	Shadow Texture	33 yd.	14.7 oz./sq. yd.	126 in.
903426	T18FVT058	Stone Texture	33 yd.	14.7 oz./sq. yd.	126 in.
903422	T18FVT054	Tobacco	33 yd.	14.7 oz./sq. yd.	126 in.
903420	T18FVS025	White	33 yd.	14.7 oz./sq. yd.	126 in.

Textilene® is a registered trademark and Nano™ is a trademark of Twitchell Corporation.

## Textilene® Nano™ 97

Twitchell's Textilene Nano 97 is a durable, two-sided, synthetic fabric. It is lighter and finer with the same technical qualities as the original Textilene. Textilene Nano 97 can reduce energy costs while blocking up to 97% of the sun's harmful rays.

Suggested uses: interior and exterior use.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903474	T18F4S008	Charcoal	33.3 yd.	16.2 oz./sq. yd.	126 in.
903472	T18F4S006	Espresso Texture	33.3 yd.	16.2 oz./sq. yd.	126 in.
903470	T18F4S002	Flat Black	33.3 yd.	16.2 oz./sq. yd.	126 in.
903471	T18F4S005	Granite	33.3 yd.	16.2 oz./sq. yd.	126 in.
903473	T18F4S007	Tobacco	33.3 yd.	16.2 oz./sq. yd.	126 in.

Textilene® is a registered trademark and Nano™ is a trademark of Twitchell Corporation.

## Textilene® 80

This high-performing solar screen fabric is made from PVC-coated polyester. Textilene 80 is built to minimize heat transfer, glare, and harmful rays from the sun. Blocking as much as 80% of the sun's rays, the sun screen fabric is fade resistant and flame resistant. It is also a durable, bacteria-resistant substitute to insect screen. The mesh fabric is a great energy saver and prevents indoor furniture from fading. The material gives daytime privacy with excellent outward clarity. Plus, Textilene can be heat sealed with a Radio Frequency (RF), Hot Wedge, or Hot Air welder.

Suggested uses: window screens, gazebo screening, outdoor shades, and patio shades.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California U.S. Title 19 (small scale), NFPA701-2015 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class 1), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM #2 (large scale), and CAN/ULC-S 109-03 (large and small scale)
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903109	T18DET027	Black / Brown	33.3 yd.	13 oz./sq. yd.	126 in.
903047	T18DES047	White	33.3 yd.	13 oz./sq. yd.	96 in.

Textilene® is a registered trademark of Twitchell Corporation. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## Textilene® 90

This sturdy, synthetic fabric is made of PVC-coated polyester. Designed to reduce heat transfer through windows, the fabric also reduces glare and harmful rays from the sun. Flame resistant and fade resistant, it is a durable alternative to insect screen. Textilene 90 blocks up to 90% of the sun's rays. The fabric is printable and capable of digital imaging.

Textilene is GREENGUARD® Gold and REACH certified, RoHS compliant, Phthalate and Lead (Pb) free, and complies with California Proposition 65 (apart from having to list FR chemicals where applicable).

Suggested uses: screen panels for windows, doors, porches, and patios.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19, NFPA 701
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903318	T18DCT028	Black / Brown	33.3 yd.	15.8 oz./sq. yd.	96 in.
903443	T18DCS127	Black	33.3 yd.	15.8 oz./sq. yd.	126 in.
903271	T18DCS079	Black	33.3 yd.	15.8 oz./sq. yd.	96 in.
903442	T18DCS128	Brown	33.3 yd.	15.8 oz./sq. yd.	126 in.
903272	T18DCS080	Brown	33.3 yd.	15.8 oz./sq. yd.	96 in.
903440	T18BCT021	Desert Sand	33.3 yd.	15.8 oz./sq. yd.	126 in.
903259	T18BCT014	Desert Sand	33.3 yd.	15.8 oz./sq. yd.	96 in.
903198	T18DCS126	Dusk Grey	33.3 yd.	15.8 oz./sq. yd.	126 in.
903270	T18DCS015	Dusk Grey	33.3 yd.	15.8 oz./sq. yd.	96 in.

Item Number	Style Number	Color	Put Up	Weight	Width
903441	T18DSC129	Sandstone	33.3 yd.	15.8 oz./sq. yd.	126 in.
903257	T18DCS081	Sandstone	33.3 yd.	15.8 oz./sq. yd.	96 in.
903444	T18DCS130	White	33.3 yd.	15.8 oz./sq. yd.	126 in.
903258	T18DCS085	White	33.3 yd.	15.8 oz./sq. yd.	96 in.

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## Textilene® 95

Textilene 95 is a strong, synthetic fabric that blocks up to 95% of the sun's rays. Developed to minimize heat transfer through windows, the fabric also reduces glare and harmful UV rays. Flame resistant and fade resistant, it is a great substitute for insect screen. This fabric is printable and capable of digital imaging.

Textilene is GREENGUARD® Gold and REACH certified, RoHS compliant, Phthalate and Lead (Pb) free, and complies with California Proposition 65 (apart from having to list FR chemicals where applicable).

Suggested uses: screen panels for windows, doors, porches, and patios.

<b>Fabric</b>	Vinyl Coated Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19, NFPA 701
<b>Warranty</b>	15-Year

Item Number	Style Number	Color	Put Up	Weight	Width
903457	T18A2T022	Almond Brown	33 yd.	17.3 oz./sq. yd.	126 in.
903459	T18A2T024	Carbon Texture	33 yd.	17.3 oz./sq. yd.	126 in.
903451	T18A2S006	Galaxy Black	33 yd.	17.3 oz./sq. yd.	126 in.
903454	T18A2S008	Graphite	33 yd.	17.3 oz./sq. yd.	126 in.
903455	T18A2T018	Mushroom	33 yd.	17.3 oz./sq. yd.	126 in.
903453	T18A2T021	Pewter	33 yd.	17.3 oz./sq. yd.	126 in.
903458	T18A2S009	Pure White	33 yd.	17.3 oz./sq. yd.	126 in.
903456	T18A2T019	Putty	33 yd.	17.3 oz./sq. yd.	126 in.
903452	T18A2S007	Quartz	33 yd.	17.3 oz./sq. yd.	126 in.
903450	T18A2T020	Tobacco Leaf	33 yd.	17.3 oz./sq. yd.	126 in.
903460	T18A2T023	Tumbleweed Texture	33 yd.	17.3 oz./sq. yd.	126 in.

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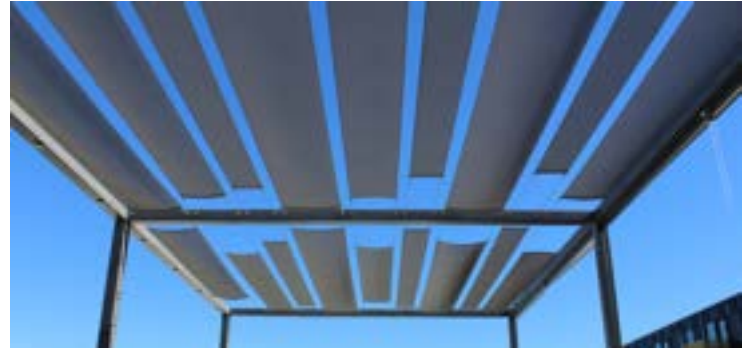


Image courtesy of the Chism Company.

## Serge Ferrari Soltis® Horizon 86

Soltis Horizon 86 is an ideal vinyl mesh that blocks up to 88% of solar radiation. The solar shade fabric reduces heat, light, and harmful UV rays. It also allows privacy without obstructing the outward view.

Serge Ferrari's patented Précontraint® process gives Soltis Horizon 86 excellent dimensional stability for large expanses. The fabric delivers exceptional durability under intense wind and weather conditions. GREENGUARD® certified.

Note: 105-inch width rolls of Soltis Horizon 86 cannot ship UPS.

Suggested uses: exterior window shade, commercial building facades, greenhouses, rooftops, retractable awnings.

<b>Fabric</b>	Vinyl Coated High-Tenacity Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
879638	86-2048-105	Aluminum / Aluminum	43 yd.	11 oz./sq. yd.	105 in.
879248	86-2048	Aluminum / Aluminum	54 yd.	11 oz./sq. yd.	69 in.
879268	86-2068	Aluminum / Anthracite (Aluminum / Charcoal)	54 yd.	11 oz./sq. yd.	69 in.
879586	86-2046-105	Aluminum / Oat (Aluminum / Ivory)	43 yd.	11 oz./sq. yd.	105 in.
879246	86-2046	Aluminum / Oat (Aluminum / Ivory)	54 yd.	11 oz./sq. yd.	69 in.
879591	86-2051-105	Aluminum / White	43 yd.	11 oz./sq. yd.	105 in.
879251	86-2051	Aluminum / White	54 yd.	11 oz./sq. yd.	69 in.
879254	86-2157	Aniseed	54 yd.	11 oz./sq. yd.	69 in.
879614	86-2047-105	Anthracite (Charcoal)	43 yd.	11 oz./sq. yd.	105 in.
879247	86-2047	Anthracite (Charcoal)	54 yd.	11 oz./sq. yd.	69 in.
879588	86-2045-105	Beaten Metal (Dark Aluminum)	43 yd.	11 oz./sq. yd.	105 in.

Items continue on next page.

## FABRIC SCREEN AND MESH

Item Number	Style Number	Color	Put Up	Weight	Width
879245	86-2045	Beaten Metal (Dark Aluminum)	54 yd.	11 oz./sq. yd.	69 in.
879671	86-2171-105	Boulder	43 yd.	11 oz./sq. yd.	105 in.
879271	86-2171	Boulder	54 yd.	11 oz./sq. yd.	69 in.
879256	86-51180	Brick	54 yd.	11 oz./sq. yd.	69 in.
879610	86-2043-105	Bronze (Olive Brown)	43 yd.	11 oz./sq. yd.	105 in.
879243	86-2043	Bronze (Olive Brown)	54 yd.	11 oz./sq. yd.	69 in.
879266	86-2166	Buttercup	54 yd.	11 oz./sq. yd.	69 in.
879585	86-2175-105	Champagne	43 yd.	11 oz./sq. yd.	105 in.
879275	86-2175	Champagne	54 yd.	11 oz./sq. yd.	69 in.
879637	86-2167-105	Concrete	43 yd.	11 oz./sq. yd.	105 in.
879267	86-2167	Concrete	54 yd.	11 oz./sq. yd.	69 in.
879257	86-51181	Deep Red	54 yd.	11 oz./sq. yd.	69 in.
879258	86-51182	French Blue	54 yd.	11 oz./sq. yd.	69 in.
879158	86-2158	Moss Green	54 yd.	11 oz./sq. yd.	69 in.
879204	86-8204	Orange	54 yd.	11 oz./sq. yd.	69 in.
879590	86-2012-105	Pepper (Putty)	43 yd.	11 oz./sq. yd.	105 in.
879212	86-2012	Pepper (Putty)	54 yd.	11 oz./sq. yd.	69 in.
879255	86-8255	Red	54 yd.	11 oz./sq. yd.	69 in.
879635	86-2135-105	Sandy Beige	43 yd.	11 oz./sq. yd.	105 in.
879285	86-2135	Sandy Beige	54 yd.	11 oz./sq. yd.	69 in.
879582	86-50690-105	Snow White	43 yd.	11 oz./sq. yd.	105 in.
879250	86-50690	Snow White	54 yd.	11 oz./sq. yd.	69 in.
879592	86-51176	True Black	43 yd.	11 oz./sq. yd.	105 in.
879259	86-51176	True Black	54 yd.	11 oz./sq. yd.	69 in.
879584	86-2044-105	White	43 yd.	11 oz./sq. yd.	105 in.
879244	86-2044	White	54 yd.	11 oz./sq. yd.	69 in.

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Image courtesy of thierry.mouret.photo@free.fr.

## Serge Ferrari Soltis® Perform 92

Soltis Perform 92 vinyl mesh fabric absorbs and ejects up to 97% of heat in external window applications. This privacy fabric offers the best thermal performance while maintaining outward visibility.

Serge Ferrari's exclusive Précontraint® process gives Soltis Perform 92 excellent dimensional stability for large surface areas. The solar fabric delivers superior durability under intense wind and weather conditions.

Note: 105-inch width rolls of Soltis Perform 92 cannot ship UPS.

Suggested uses: exterior window shade, commercial building facades, greenhouses, rooftops, retractable awnings.

<b>Fabric</b>	Vinyl Coated High-Tenacity Polyester
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
879398	92-2048	Aluminum / Aluminum	43 yd.	12 oz./sq. yd.	105 in.
879368	92-2068	Aluminum / Anthracite (Aluminum / Charcoal)	54 yd.	12 oz./sq. yd.	69 in.
879374	92-2074	Aluminum / Medium Grey (Metal / Gray)	54 yd.	12 oz./sq. yd.	69 in.
879410	92-2074	Aluminum / Medium Grey	43 yd.	12 oz./sq. yd.	105 in.
879346	92-2046	Aluminum / Oat (Aluminum / Ivory)	54 yd.	12 oz./sq. yd.	69 in.
879396	92-2046	Aluminum / Oat (Aluminum / Ivory)	43 yd.	12 oz./sq. yd.	105 in.
879399	92-2051	Aluminum / White	43 yd.	12 oz./sq. yd.	105 in.
879351	92-2051	Aluminum / White	54 yd.	12 oz./sq. yd.	69 in.

Item Number	Style Number	Color	Put Up	Weight	Width
879348	92-2048	Aluminum	54 yd.	12 oz./sq. yd.	69 in.
878157	92-2157	Aniseed	54 yd.	12 oz./sq. yd.	69 in.
879397	92-2047	Anthracite (Charcoal)	43 yd.	12 oz./sq. yd.	105 in.
879347	92-2047	Anthracite (Charcoal)	54 yd.	12 oz./sq. yd.	69 in.
879395	92-2045	Beaten Metal (Dark Aluminum)	43 yd.	12 oz./sq. yd.	105 in.
879345	92-2045	Beaten Metal (Dark Aluminum)	54 yd.	12 oz./sq. yd.	69 in.
878149	92-2149	Beetle	54 yd.	12 oz./sq. yd.	69 in.
879471	92-2171	Boulder	43 yd.	12 oz./sq. yd.	105 in.
878171	92-2171	Boulder	54 yd.	12 oz./sq. yd.	69 in.
879384	92-51180	Brick	54 yd.	12 oz./sq. yd.	69 in.
879393	92-2043	Bronze (Olive Brown)	43 yd.	12 oz./sq. yd.	105 in.
879343	92-2043	Bronze (Olive Brown)	54 yd.	12 oz./sq. yd.	69 in.
878166	92-2166	Buttercup	54 yd.	12 oz./sq. yd.	69 in.
879382	92-51178	Celestial Grey	54 yd.	12 oz./sq. yd.	69 in.
879412	92-2175	Champagne	43 yd.	12 oz./sq. yd.	105 in.
878176	92-2175	Champagne	54 yd.	12 oz./sq. yd.	69 in.
879409	92-50272	Cloud	43 yd.	12 oz./sq. yd.	105 in.
878272	92-50272	Cloud	54 yd.	12 oz./sq. yd.	69 in.
879467	92-2167	Concrete	43 yd.	12 oz./sq. yd.	105 in.
878167	92-2167	Concrete	54 yd.	12 oz./sq. yd.	69 in.
878274	92-50274	Copper	54 yd.	12 oz./sq. yd.	69 in.
879426	92-51177	Dark Grey	43 yd.	12 oz./sq. yd.	105 in.
879381	92-51177	Dark Grey	54 yd.	12 oz./sq. yd.	69 in.
879385	92-51181	Deep Red	54 yd.	12 oz./sq. yd.	69 in.
879386	92-51182	French Blue	54 yd.	12 oz./sq. yd.	69 in.
878273	92-50273	Gold	54 yd.	12 oz./sq. yd.	69 in.
879383	92-51179	Green Grey	54 yd.	12 oz./sq. yd.	69 in.
878266	92-50266	Havana Brown	54 yd.	12 oz./sq. yd.	69 in.
879465	92-50265	Hemp	43 yd.	12 oz./sq. yd.	105 in.
878265	92-50265	Hemp	54 yd.	12 oz./sq. yd.	69 in.
878160	92-2160	Lagoon	54 yd.	12 oz./sq. yd.	69 in.
878158	92-2158	Moss Green	54 yd.	12 oz./sq. yd.	69 in.
878204	92-8204	Orange	54 yd.	12 oz./sq. yd.	69 in.
879312	92-2012	Pepper (Putty)	54 yd.	12 oz./sq. yd.	69 in.
879411	92-2012	Pepper	43 yd.	12 oz./sq. yd.	105 in.
879422	92-50303	Quartz	43 yd.	12 oz./sq. yd.	105 in.
879377	92-50303	Quartz	54 yd.	12 oz./sq. yd.	69 in.
878255	92-8255	Red	54 yd.	12 oz./sq. yd.	69 in.
879435	92-2135	Sandy Beige	43 yd.	12 oz./sq. yd.	105 in.
878135	92-2135	Sandy Beige	54 yd.	12 oz./sq. yd.	69 in.
879424	92-50843	Shea	43 yd.	12 oz./sq. yd.	105 in.
879379	92-50843	Shea	54 yd.	12 oz./sq. yd.	69 in.
879423	92-50690	Snow White	43 yd.	12 oz./sq. yd.	105 in.
879378	92-50690	Snow White	54 yd.	12 oz./sq. yd.	69 in.

Item Number	Style Number	Color	Put Up	Weight	Width
879425	92-50850	Taupe	43 yd.	12 oz./sq. yd.	105 in.
879380	92-50850	Taupe	54 yd.	12 oz./sq. yd.	69 in.
879376	92-8056	Tennis Green	54 yd.	12 oz./sq. yd.	69 in.
879427	92-51176	True Black	43 yd.	12 oz./sq. yd.	105 in.
879387	92-51176	True Black	54 yd.	12 oz./sq. yd.	69 in.
879394	92-2044	White	43 yd.	12 oz./sq. yd.	105 in.
879344	92-2044	White	54 yd.	12 oz./sq. yd.	69 in.

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## Serge Ferrari Soltis® Opaque B92

Soltis Opaque B92 provides a blackout layer that blocks 100% of visible light, UV rays, and heat. It does not require any kind of reinforcement. The thin, flat properties of the fabric suit small-sized windows. GREENGUARD® certified.

Suggested uses: interior or exterior blackout blinds.

<b>Fabric</b>	Woven Polyester Base Cloth, Weldable PVC Coating
<b>Finish</b>	Acrylic Lacquer Both Sides
<b>FR Standards Met</b>	NFPA-701
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
879848	B92-N-2171	Boulder / Aluminum	43 yd.	19.17 oz./sq. yd.	67 in.
879843	B92-N-1043	Bronze (Brown) / Aluminum	43 yd.	19.17 oz./sq. yd.	67 in.
879847	B92-N-2135	Sand Beige / Aluminum	43 yd.	19.17 oz./sq. yd.	67 in.
879844	B92-N-1044	White / Aluminum	43 yd.	19.17 oz./sq. yd.	67 in.

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## Serge Ferrari Soltis® Opaque B702

Soltis Opaque B702 is a blackout fabric that prevents the transmission of all visible light, infrared, and UV radiation. The black side darkens interiors while the white side reflects heat outward. The solar fabric is an effective alternative to roller shutters. In a wider width than Soltis Opaque B92, it can cover more surface area. GREENGUARD® certified.

Suggested uses: interior or exterior blackout blinds.

<b>Fabric</b>	Woven Polyester Base Cloth, Weldable PVC Coating
<b>Finish</b>	Acrylic Lacquer Both Sides
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
879840	B702-455-71	Black / White	43 yd.	22.1 oz./sq. yd.	71 in.

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## Serge Ferrari Soltis® Harmony 88

Soltis Harmony 88 provides the ideal openness factor to fully enjoy outdoor views while blocking up to 95% of solar contributions. With an even weave pattern, Soltis Harmony 88 is available in a range of colors to coordinate with your interior and outdoor space. The Préconstraint® technology gives Serge Ferrari materials dimensional stability and an exceptionally long life. They are also 100% recyclable at the end of their service life. Plus, Soltis Harmony 88 helps maintain good indoor air quality, as proven by its GREENGUARD Gold certification.

Some items sold in full rolls only. Some items are drop ship only.

Suggested uses: Roller shades, skylight shades, sliding panels, and pergolas.

<b>Fabric</b>	Vinyl Coated High-Tenacity Polyester
<b>FR Standards Met</b>	NFPA 701 Method 1 & 2; ASTM E84 Class A; CAN/ULC-S109
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
877932	88-2048-105	Aluminum	43 yd.	10.6 oz./sq. yd.	105 in.
877902	88-2048	Aluminum	54 yd.	10.6 oz./sq. yd.	69 in.
877934	88-2047-105	Anthracite	43 yd.	10.6 oz./sq. yd.	105 in.
877904	88-2047	Anthracite	54 yd.	10.6 oz./sq. yd.	69 in.
877912	88-50332	Apricot	54 yd.	10.6 oz./sq. yd.	69 in.
877914	88-50333	Bamboo	54 yd.	10.6 oz./sq. yd.	69 in.
877916	88-50306	Bermuda	54 yd.	10.6 oz./sq. yd.	69 in.
877935	88-2053-105	Black	43 yd.	10.6 oz./sq. yd.	105 in.
877905	88-2053	Black	54 yd.	10.6 oz./sq. yd.	69 in.
877931	88-2171-105	Boulder	43 yd.	10.6 oz./sq. yd.	105 in.
877901	88-2171	Boulder	54 yd.	10.6 oz./sq. yd.	69 in.
877941	88-2043-105	Bronze	43 yd.	10.6 oz./sq. yd.	105 in.
877911	88-2043	Bronze	54 yd.	10.6 oz./sq. yd.	69 in.
877936	88-2175-105	Champagne	43 yd.	10.6 oz./sq. yd.	105 in.
877906	88-2175	Champagne	54 yd.	10.6 oz./sq. yd.	69 in.
877933	88-2167-105	Concrete	43 yd.	10.6 oz./sq. yd.	105 in.
877903	88-2167	Concrete	54 yd.	10.6 oz./sq. yd.	69 in.
877915	88-50335	Fig	54 yd.	10.6 oz./sq. yd.	69 in.
877937	88-50265-105	Hemp	43 yd.	10.6 oz./sq. yd.	105 in.
877907	88-50265	Hemp	54 yd.	10.6 oz./sq. yd.	69 in.
877913	88-50308	Paprika	54 yd.	10.6 oz./sq. yd.	69 in.
877939	88-2012-105	Pepper	43 yd.	10.6 oz./sq. yd.	105 in.
877909	88-2012	Pepper	54 yd.	10.6 oz./sq. yd.	69 in.
877938	88-2135-105	Sandy Beige	43 yd.	10.6 oz./sq. yd.	105 in.
877908	88-2135	Sandy Beige	54 yd.	10.6 oz./sq. yd.	69 in.
877947	88-50850-105	Taupe	43 yd.	10.6 oz./sq. yd.	105 in.
877917	88-50850	Taupe	43 yd.	10.6 oz./sq. yd.	69 in.
877930	88-2044-105	White	43 yd.	10.6 oz./sq. yd.	105 in.
877900	88-2044	White	54 yd.	10.6 oz./sq. yd.	69 in.

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## Serge Ferrari Soltis® Proof W88

Soltis Proof W88 combines function and fashion. Its waterproof and translucent design provides effective, durable protection against weather, the highest level of translucency (up to 21%) for more natural light, and better heat reflection to maintain a comfortable thermal environment. In addition, a square weave textured effect gives it a stylish touch. Soltis Proof W88 provides unique benefits for unsurpassed ease-of-use, such as quick, easy maintenance and UV resistance for long-term colorfastness. The Preconstraint® technology gives Serge Ferrari materials dimensional stability and an exceptionally long life.

Suggested uses: Pergolas, canopies, shade sails, and awnings.

<b>Fabric</b>	Vinyl Coated High-Tenacity Polyester
<b>FR Standards Met</b>	NFPA 701 Method 1 & 2; ASTM E84 Class A; CAN/ULC-S109
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
877960	W88-2047-105	Anthracite	43 yd.	14.4 oz./sq. yd.	105 in.
877964	W88-2171-105	Cloud	43 yd.	14.4 oz./sq. yd.	105 in.
877962	W88-1103-105	Off White	43 yd.	14.4 oz./sq. yd.	105 in.
877963	W88-8861-105	Vanilla	43 yd.	14.4 oz./sq. yd.	105 in.
877961	W88-8102-105	White	43 yd.	14.4 oz./sq. yd.	105 in.

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## Serge Ferrari Soltis® Proof W96

Soltis Proof W96 offers a soft elegance within a sturdy build. It is waterproof and translucent, providing effective, durable protection against weather, a high level of translucency (up to 17%) for more natural light, and better heat reflection to maintain a comfortable thermal environment. Soltis Proof W96 ensures your outdoor space is comfortable so it can be used year-round with quick, easy maintenance and UV resistance for long-term colorfastness. Additionally, a visible textured effect with an irregular weave pattern adds style to its trustworthy design. The Preconstraint® technology gives Serge Ferrari materials dimensional stability and an exceptionally long life.

Suggested uses: Pergolas, canopies, shade sails, and awnings.

<b>Fabric</b>	Vinyl Coated High-Tenacity Polyester
<b>FR Standards Met</b>	NFPA 701 Method 1 & 2; ASTM E84 Class A; CAN/ULC-S109
<b>Warranty</b>	10-Year

Item Number	Style Number	Color	Put Up	Weight	Width
877980	W96-2047-105	Anthracite	38 yd.	18.2 oz./sq. yd.	105 in.
877984	W96-2171-105	Cloud	38 yd.	18.2 oz./sq. yd.	105 in.
877982	W96-1103-105	Off White	38 yd.	18.2 oz./sq. yd.	105 in.
877983	W96-8861-105	Vanilla	38 yd.	18.2 oz./sq. yd.	105 in.
877981	W96-8102-105	White	38 yd.	18.2 oz./sq. yd.	105 in.

Soltis® is a registered trademark of The Serge Ferrari Group.



## SolaMesh®

SolaMesh, an industry leading performance fabric and is an exclusive offering from Trivantage®. Made from highly stable and color fast HDPE monofilament and tape, this versatile, worry-free product is supported with a 10-year warranty.

SolaMesh is not heat sealable.

Suggested uses: shade sails, shade and fabric structures, awnings, marine shade flies.

<b>Fabric</b>	High Density Polyethylene (HDPE)
<b>FR Standards Met</b>	ASTM E84 Class A
<b>Warranty</b>	10-Year

Item Number	Color	Put Up	Weight	Width
865082	Brick	54.67 yd.	9.5 oz./sq. yd.	118 in.
865087	Bright Orange	54.67 yd.	9.5 oz./sq. yd.	118 in.
865077	Cactus	54.67 yd.	9.5 oz./sq. yd.	118 in.
865081	Canary Yellow	54.67 yd.	9.5 oz./sq. yd.	118 in.
865075	Cream	54.67 yd.	9.5 oz./sq. yd.	118 in.
865073	Crimson	54.67 yd.	9.5 oz./sq. yd.	118 in.
865086	Denim	54.67 yd.	9.5 oz./sq. yd.	118 in.
865072	Forest Green	54.67 yd.	9.5 oz./sq. yd.	118 in.
865089	Grape	54.67 yd.	9.5 oz./sq. yd.	118 in.
865084	Graphite	54.67 yd.	9.5 oz./sq. yd.	118 in.
865071	Jet Black	54.67 yd.	9.5 oz./sq. yd.	118 in.
865080	Lagoon	54.67 yd.	9.5 oz./sq. yd.	118 in.
865088	Lime Green	54.67 yd.	9.5 oz./sq. yd.	118 in.
865085	Ocean Blue	54.67 yd.	9.5 oz./sq. yd.	118 in.
865070	Royal Blue	54.67 yd.	9.5 oz./sq. yd.	118 in.
865074	Sand	54.67 yd.	9.5 oz./sq. yd.	118 in.
865079	Smoke Grey	54.67 yd.	9.5 oz./sq. yd.	118 in.
865078	Venetian Blue	54.67 yd.	9.5 oz./sq. yd.	118 in.

SolaMesh® and Trivantage® are registered trademarks of Glen Raven, Inc.



## Architec 400®

Architec 400 is an extremely strong UV stabilized knitted shade cloth that has been designed for large commercial tension membrane structures and shade sails. It is a High Density Polyethylene fabric with an excellent weight to strength ratio, has very good tensile strength, and is extremely resistant to tearing. This fabric also incorporates the latest in ultraviolet stabilizers that provide improved color consistency and colorfastness. This fabric is lead and phthalate free.

Architec 400 is not heat sealable.

Architec 400 cannot ship UPS due to its 150-inch roll width.

<b>Fabric</b>	High Density Polyethylene (HDPE)
<b>FR Standards Met</b>	ASTM E-84 Class 1 or A rating
<b>Warranty</b>	15-Year Against UV Degradation

Item Number	Color	Put Up	Weight	Width
865140	Aquamarine	55 yd.	12 oz./sq. yd.	150 in.
865142	Black	55 yd.	12 oz./sq. yd.	150 in.
865143	Cappuccino	55 yd.	12 oz./sq. yd.	150 in.
865144	Grape	55 yd.	12 oz./sq. yd.	150 in.
865145	Lemon	164 ft.	12 oz./sq. yd.	150 in.
865146	Lime	55 yd.	12 oz./sq. yd.	150 in.
865147	Midnight Green	55 yd.	12 oz./sq. yd.	150 in.
865148	Navy Blue	55 yd.	12 oz./sq. yd.	150 in.
865149	Orange	55 yd.	12 oz./sq. yd.	150 in.
865150	Porcelain	55 yd.	12 oz./sq. yd.	150 in.
865151	Slate Gray	55 yd.	12 oz./sq. yd.	150 in.
865153	Turquoise	55 yd.	12 oz./sq. yd.	150 in.

Architec 400® is a registered trademark of Polyfab USA.



## Comtex®+

Comtex+ is a knitted HDPE shade fabric. It is heat-set, allowing for less curling and shrinkage and offering improved dimensional stability. This versatile fabric performs excellently for both commercial and residential applications and is designed for medium-to-large architectural shade sails, tension membrane structures, and commercial shade structures. It delivers lasting protection from the sun's rays and is lead and phthalate free. Plus, new and improved pigments allow for extended color life.

Comtex+ is not heat sealable.

<b>Fabric</b>	High Density Polyethylene (HDPE)
<b>FR Standards Met</b>	NFPA-701 (2019)
<b>Warranty</b>	12-Year Against UV Degradation

Item Number	Color	Put Up	Weight	Width
865253	Aquamarine	33 yd.	10 oz./sq. yd.	150 in.
865271	Black	33 yd.	10 oz./sq. yd.	150 in.
865279	Cappuccino	33 yd.	10 oz./sq. yd.	150 in.
865287	Lemon	33 yd.	10 oz./sq. yd.	150 in.
865251	Midnight Green	33 yd.	10 oz./sq. yd.	150 in.
865288	Monument	33 yd.	10 oz./sq. yd.	150 in.
865255	Navy Blue	33 yd.	10 oz./sq. yd.	150 in.
865285	Paperbark	33 yd.	10 oz./sq. yd.	150 in.
865265	Porcelain	33 yd.	10 oz./sq. yd.	150 in.
865277	Red	33 yd.	10 oz./sq. yd.	150 in.
865259	Rust	33 yd.	10 oz./sq. yd.	150 in.
865261	Sage	33 yd.	10 oz./sq. yd.	150 in.
865257	Sandstone	33 yd.	10 oz./sq. yd.	150 in.
865275	Silver	33 yd.	10 oz./sq. yd.	150 in.
865263	Slate Gray	33 yd.	10 oz./sq. yd.	150 in.
865289	Smoke	33 yd.	10 oz./sq. yd.	150 in.
865283	White	33 yd.	10 oz./sq. yd.	150 in.

Comtex® is a registered trademark of Polyfab USA LLC.

## Polytex®+

Polytex+ is made of HDPE, consisting of a monofilament and tape assembly. Polytex+ is heat-set, allowing for less curling and shrinkage and offering improved dimensional stability. It is designed for architectural shade sails and outdoor shade structures, like canopies and patio shade sails, where sun protection is needed. It offers a high-strength-to-weight ratio, mildew resistance, and protection against UV degradation. This lightweight shade cloth is lead and phthalate free. Plus, new and improved pigments allow for extended color life.

Polytex+ is not heat sealable.

<b>Fabric</b>	High Density Polyethylene (HDPE)
<b>FR Standards Met</b>	NFPA-701 (2019)
<b>Warranty</b>	12-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
865163	PTP-AQ-12533	Aquamarine	33 yd.	7 oz./sq. yd.	150 in.
865181	PTP-BK-12533	Black	33 yd.	7 oz./sq. yd.	150 in.
865179	PTP-BZ-12533	Bronze	33 yd.	7 oz./sq. yd.	150 in.
865191	PTP-CN-12533	Cafe Noir	33 yd.	7 oz./sq. yd.	150 in.
865189	PTP-CP-12533	Cappuccino	33 yd.	7 oz./sq. yd.	150 in.
865195	PTP-GP-12533	Grape	33 yd.	7 oz./sq. yd.	150 in.
865197	PTP-GY-12533	Lemon	33 yd.	7 oz./sq. yd.	150 in.
865196	PTP-LI-12533	Lime	33 yd.	7 oz./sq. yd.	150 in.
865188	PTP-MR-12533	Manor Red	33 yd.	7 oz./sq. yd.	150 in.
865161	PTP-MG-12533	Midnight Green	33 yd.	7 oz./sq. yd.	150 in.
865176	PTP-MO-12533	Monument	33 yd.	7 oz./sq. yd.	150 in.
865165	PTP-NB-12533	Navy Blue	33 yd.	7 oz./sq. yd.	150 in.
865290	PTB-OR-12533	Orange	33 yd.	7 oz./sq. yd.	150 in.

Items continue on next page.



## FABRIC SHADE SAIL

Item Number	Style Number	Color	Put Up	Weight	Width
865168	PTP-PB-12533	Paperbark	33 yd.	7 oz./sq. yd.	150 in.
865175	PTP-PC-12533	Porcelain	33 yd.	7 oz./sq. yd.	150 in.
865187	PTP-RD-12533	Red	33 yd.	7 oz./sq. yd.	150 in.
865171	PTP-SA-12533	Sage	33 yd.	7 oz./sq. yd.	150 in.
865167	PTP-SS-12533	Sandstone	33 yd.	7 oz./sq. yd.	150 in.
865185	PTP-SI-12533	Silver	33 yd.	7 oz./sq. yd.	150 in.
865173	PTP-SG-12533	Slate Gray	33 yd.	7 oz./sq. yd.	150 in.
865193	PTP-WH-12533	White	33 yd.	7 oz./sq. yd.	150 in.
865174	PTP-WG-12533	Woodland Grey	33 yd.	7 oz./sq. yd.	150 in.

Polytex® is a registered trademark of Polyfab USA LLC.

## FR Comshade®

FR Comshade is a premium fire-rated shade fabric designed for large tension membrane structures and architectural shade sails. It meets California State Fire Marshal Flame Resistance Title 19 and is 100% lead free. FR Comshade is supported with a 10-year limited warranty.

FR Comshade is not heat sealable.

Some items sold in full rolls only. Some items are drop ship only.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	California State Fire Marshal Title 19, Section 1237.1; NFPA-701 Test Method 1 & 2
<b>Warranty</b>	10-Year Limited

Item Number	Color	Put Up	Weight	Width
865301	Cappuccino	33 yds.	8.25 oz./sq. yd.	150 in.
865302	Midnight Green	33 yds.	8.25 oz./sq. yd.	150 in.
865303	Porcelain	33 yds.	8.25 oz./sq. yd.	150 in.
865304	Sandstone	33 yds.	8.25 oz./sq. yd.	150 in.
865305	Silver	33 yds.	8.25 oz./sq. yd.	150 in.
865306	White	33 yds.	8.25 oz./sq. yd.	150 in.

FR Comshade® is a registered trademark of Polyfab USA.

## Comshade® Xtra

Comshade Xtra is an extra heavy duty knitted shade cloth. It significantly exceeds any other shade cloth on the market for UV protection and strength to weight ratios. Comshade Xtra is ideal for medium and large sized, high tensile commercial projects where safety and longevity are critical.

Comshade Xtra is not heat sealable.

Sold in full rolls only. Items are drop ship only.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	ASTM E-84 (Class B/Type II Rating)
<b>Warranty</b>	15-Year Limited

Item Number	Color	Put Up	Weight	Width
865401	Aquamarine	44 yd.	12 oz./sq. yd.	157 in.
865400	Aspen	44 yd.	12 oz./sq. yd.	157 in.
865405	Bronze	44 yd.	12 oz./sq. yd.	157 in.
865408	Charcoal	44 yd.	12 oz./sq. yd.	157 in.
865406	Jade	44 yd.	12 oz./sq. yd.	157 in.
865407	Midnight Green	44 yd.	12 oz./sq. yd.	157 in.
865409	Mushroom	44 yd.	12 oz./sq. yd.	157 in.
865402	Navy Blue	44 yd.	12 oz./sq. yd.	157 in.
865404	Porcelain	44 yd.	12 oz./sq. yd.	157 in.
865403	Silver	44 yd.	12 oz./sq. yd.	157 in.

Comshade Xtra® is a registered trademark of Polyfab Australia PTY LTD.

## Commercial DualShade 350 FR

DualShade FR 350 HDPE combines two different colored yarns using a patent pending knit pattern to create a single mesh that produces a transformative effect and unique look. DualShade 350 FR offers rich, luminous color with a soft, flexible feel. DualShade 350 FR's unique construction offers biaxial stability (similar stretch characteristics in both directions) providing much easier fabrication. It has high tear and tensile strengths for a longer life and improved performance while meeting the most stringent Fire Standards for shade fabrics.

Commercial DualShade FR is heat sealable.

Suggested uses: Shade sails, car park covers, playground shading, shade flies over stern of boat, gazebo and pergola covers, privacy screens, shade cloth, umbrella canopies.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	California State Fire Marshal Title 19 1237.1; NFPA 701 Test Methods 1 & 2; ASTM E84 19B Class A
<b>Warranty</b>	10-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
865761	495961	Amazonia	43.74 yd.	10.3 oz./sq. yd.	118 in.
865767	495978	Capri	43.74 yd.	10.3 oz./sq. yd.	118 in.
865760	495985	Chameleon	43.74 yd.	10.3 oz./sq. yd.	118 in.
865763	495992	Citrus	43.74 yd.	10.3 oz./sq. yd.	118 in.
865766	496005	Cobblestone	43.74 yd.	10.3 oz./sq. yd.	118 in.
865765	496012	Gold Rush	43.74 yd.	10.3 oz./sq. yd.	118 in.
865764	496029	Macaw	43.74 yd.	10.3 oz./sq. yd.	118 in.
865762	496036	Maldives	43.74 yd.	10.3 oz./sq. yd.	118 in.
865769	496043	Santorini	43.74 yd.	10.3 oz./sq. yd.	118 in.
865771	496050	Savanna	43.74 yd.	10.3 oz./sq. yd.	118 in.
865768	496067	Sunburst	43.74 yd.	10.3 oz./sq. yd.	118 in.
865770	496074	Topaz	43.74 yd.	10.3 oz./sq. yd.	118 in.



## Commercial DualShade 350

Commercial DualShade 350 from GALE Pacific is a unique, two-faced knitted fabric. The shade sail fabric features complementary colors with a shimmering look. With superior biaxial stability, DualShade 350 shade sail fabric is made from UV-stabilized HDPE monofilament and tape.

Woven in an original knit pattern, it provides excellent sun protection and durability. DualShade 350 offers rich, luminous color with a soft, flexible feel. It has high tear and tensile strengths for a longer fabric life and improved performance. GREENGUARD® Gold certified, the knitted shade cloth is 100% lead and phthalate free. HDPE fabric can be recycled.

Commercial DualShade 350 is not heat sealable.

Suggested uses: shade sails or other tension structures for sports complexes, office buildings, schools, playgrounds, parks, and more.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>Finish</b>	Heat Treated
<b>FR Standards Met</b>	ASTM E84, Class A (Class I-25 or under Flame Spread)
<b>Warranty</b>	10-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
864961	491123	Amazonia	43.74 yd.	10 oz./sq. yd.	118 in.
864967	491185	Capri	43.74 yd.	10 oz./sq. yd.	118 in.
864960	491116	Chameleon	43.74 yd.	10 oz./sq. yd.	118 in.
864963	491147	Citrus	43.74 yd.	10 oz./sq. yd.	118 in.
864966	491178	Cobblestone	43.74 yd.	10 oz./sq. yd.	118 in.
864965	491161	Gold Rush	43.74 yd.	10 oz./sq. yd.	118 in.
864964	491154	Macaw	43.74 yd.	10 oz./sq. yd.	118 in.
864962	491130	Maldives	43.74 yd.	10 oz./sq. yd.	118 in.
864969	492700	Santorini	43.74 yd.	10 oz./sq. yd.	118 in.
864970	492724	Savanna	43.74 yd.	10 oz./sq. yd.	118 in.
864968	492694	Sunburst	43.74 yd.	10 oz./sq. yd.	118 in.
864971	492717	Topaz	43.74 yd.	10 oz./sq. yd.	118 in.

GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



Item Number	Style Number	Color	Heat-Sealable	Put Up	Weight	Width
865028	445027	Rivergum Green	No	43.74 yd.	10 oz./sq. yd.	118 in.
864987	459185	Royal Purple	No	43.74 yd.	10 oz./sq. yd.	118 in.
865029	445034	Sky Blue	No	43.74 yd.	10 oz./sq. yd.	118 in.
865030	445041	Steel Grey	No	43.74 yd.	10 oz./sq. yd.	118 in.
865031	445065	Turquoise	No	43.74 yd.	10 oz./sq. yd.	118 in.
865037	497736	White	No	43.74 yd.	10 oz./sq. yd.	118 in.
865032	445072	Yellow	No	43.74 yd.	10 oz./sq. yd.	118 in.

GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. OEKO-TEX® is a registered trademark of the OEKO-TEX Association.

## Commercial NinetyFive 340

An ultraviolet-stabilized HDPE monofilament and tape knitted fabric, Commercial NinetyFive 340 was developed specifically for use in fabric structures, awnings and shade covers. Strong and stable, it offers an ideal shade solution for commercial and architectural applications such as school playgrounds, sporting facilities, parking structures, outdoor cafes, car dealerships, outdoor pool areas and more.

Designed to “breathe,” Commercial NinetyFive 340 allows cooling breezes to flow through, significantly reducing temperatures beneath. The fabric’s knitted, lock-stitch construction prevents tearing and fraying when cut. Colors remain vivid for years. GREENGUARD®, GREENGUARD® Select and OEKO-TEX® Certified. 100% lead and phthalate free.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>Finish</b>	Heat Treated
<b>FR Standards Met</b>	ASTM E84, Class A (Class I-25 or under Flame Spread)
<b>Warranty</b>	10-Year Against UV Degradation

Item Number	Style Number	Color	Heat-Sealable	Put Up	Weight	Width
865020	444938	Aquatic Blue	No	43.74 yd.	10 oz./sq. yd.	118 in.
865021	444945	Black	No	43.74 yd.	10 oz./sq. yd.	118 in.
864988	459208	Bright Green	No	43.74 yd.	10 oz./sq. yd.	118 in.
865027	481254	Brown	No	43.74 yd.	10 oz./sq. yd.	118 in.
865022	444952	Brunswick Green	No	43.74 yd.	10 oz./sq. yd.	118 in.
865033	455255	Cayenne	No	43.74 yd.	10 oz./sq. yd.	118 in.
865035	465360	Cedar	No	43.74 yd.	10 oz./sq. yd.	118 in.
865036	444969	Charcoal	No	43.74 yd.	10 oz./sq. yd.	118 in.
865023	444976	Cherry Red	No	43.74 yd.	10 oz./sq. yd.	118 in.
865034	444990	Deep Ochre Red	No	43.74 yd.	10 oz./sq. yd.	118 in.
865024	444983	Desert Sand	No	43.74 yd.	10 oz./sq. yd.	118 in.
865039	455262	Gun Metal	No	43.74 yd.	10 oz./sq. yd.	118 in.
865025	445003	Natural	No	43.74 yd.	10 oz./sq. yd.	118 in.
865026	445010	Navy Blue	No	43.74 yd.	10 oz./sq. yd.	118 in.
864989	459215	Orange	No	43.74 yd.	10 oz./sq. yd.	118 in.

## Commercial NinetyFive 340 FR

Commercial NinetyFive 340 FR is a recognized name in knitted HDPE shade fabric. Offering a combination of sun protection, strength and durability this mid-weight fabric is suitable for a wide variety of applications. Commercial NinetyFive 340 FR is made from high-quality UV-stabilized HDPE and is suitable for tough conditions. It has high tear and tensile strengths for a longer fabric life and improved performance while meeting the most stringent fire standards for shade fabrics. Commercial NinetyFive 340 FR offers up to 96.5% UVR block protection.

Commercial NinetyFive 340 FR is not heat sealable.

Suggested uses: Shade sails, car park covers, playground shading, shade flies over stern of boat, gazebo & pergola covers, privacy screens, shade cloth, umbrella canopies.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	California State Fire Marshal Title 19, Section 1237.1; NFPA-701
<b>Warranty</b>	10-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
865720	495671	Aquatic Blue	43.74 yd.	10 oz./sq. yd.	118 in.
865721	495640	Black	43.74 yd.	10 oz./sq. yd.	118 in.
865742	495596	Bright Green	43.74 yd.	10 oz./sq. yd.	118 in.
865727	495657	Brown	43.74 yd.	10 oz./sq. yd.	118 in.
865722	495572	Brunswick Green	43.74 yd.	10 oz./sq. yd.	118 in.
865733	495701	Cayenne	43.74 yd.	10 oz./sq. yd.	118 in.
865735	495534	Cedar	43.74 yd.	10 oz./sq. yd.	118 in.
865736	495558	Charcoal	43.74 yd.	10 oz./sq. yd.	118 in.
865723	495695	Cherry	43.74 yd.	10 oz./sq. yd.	118 in.
865734	495688	Deep Ochre	43.74 yd.	10 oz./sq. yd.	118 in.
865724	495565	Desert Sand	43.74 yd.	10 oz./sq. yd.	118 in.
865739	495527	Gun Metal	43.74 yd.	10 oz./sq. yd.	118 in.
865725	495541	Natural	43.74 yd.	10 oz./sq. yd.	118 in.
865726	495602	Navy	43.74 yd.	10 oz./sq. yd.	118 in.
865741	495633	Orange	43.74 yd.	10 oz./sq. yd.	118 in.
865728	495589	Rivergum	43.74 yd.	10 oz./sq. yd.	118 in.

## Commercial Heavy 430 FR

Engineered to withstand extreme weather conditions on large scale tension structures, Commercial Heavy 430 FR is a premium fabric that is durable, FR compliant, and provides maximum stability. Designed with a patented inter-twining knit pattern, Commercial Heavy 430 features excellent biaxial and load bearing performance for optimum shade and tensioning endurance. This superior shade fabric meets the most stringent fire standards for shade fabrics and requires minimal maintenance.

Commercial Heavy 430 FR is not heat sealable.

Due to the 118-inch fabric width, Commercial Heavy 430 FR cannot ship UPS.

Suggested uses: awnings, car park covers, playground shading, shade sails.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	California State Fire Marshal Title 19 1237.1; NFPA 701 Test Methods 1 & 2; ASTM E84 19B Class A
<b>Warranty</b>	12-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
865700	492953	Aquatic Blue	43.74 yd.	12.7 oz./sq. yd.	118 in.
865701	492922	Black	43.74 yd.	12.7 oz./sq. yd.	118 in.
865713	492960	Bright Green	43.74 yd.	12.7 oz./sq. yd.	118 in.
865702	492915	Brunswick Green	43.74 yd.	12.7 oz./sq. yd.	118 in.
865703	492908	Charcoal	43.74 yd.	12.7 oz./sq. yd.	118 in.
865708	492892	Cherry Red	43.74 yd.	12.7 oz./sq. yd.	118 in.
865704	492885	Deep Ochre	43.74 yd.	12.7 oz./sq. yd.	118 in.
865705	492878	Desert Sand	43.74 yd.	12.7 oz./sq. yd.	118 in.
865706	492946	Emerald	43.74 yd.	12.7 oz./sq. yd.	118 in.
865707	492939	Natural	43.74 yd.	12.7 oz./sq. yd.	118 in.
865711	492861	Navy Blue	43.74 yd.	12.7 oz./sq. yd.	118 in.
865714	492977	Orange	43.74 yd.	12.7 oz./sq. yd.	118 in.
865715	492984	Royal Purple	43.74 yd.	12.7 oz./sq. yd.	118 in.
865709	492854	Steel Grey	43.74 yd.	12.7 oz./sq. yd.	118 in.
865710	492847	White	43.74 yd.	12.7 oz./sq. yd.	118 in.
865712	492830	Yellow	43.74 yd.	12.7 oz./sq. yd.	118 in.

Item Number	Style Number	Color	Put Up	Weight	Width
865740	495725	Royal Purple	43.74 yd.	10 oz./sq. yd.	118 in.
865729	495626	Sky Blue	43.74 yd.	10 oz./sq. yd.	118 in.
865730	495718	Steel Grey	43.74 yd.	10 oz./sq. yd.	118 in.
865731	495664	Turquoise	43.74 yd.	10 oz./sq. yd.	118 in.
865743	495732	White	43.74 yd.	10 oz./sq. yd.	118 in.
865732	495619	Yellow	43.74 yd.	10 oz./sq. yd.	118 in.

## Commercial Heavy 430

Commercial Heavy 430 architectural shade fabric is engineered specifically to withstand extreme weather conditions on large scale tension structures. It offers up to 94% UV protection and features superior biaxial strength and load bearing performance for optimum shape and tensioning endurance.

Commercial Heavy 430 is 100% lead and phthalate free and Greenguard® and Oeko-Tex® Standard 100 certified.

Commercial Heavy 430 is not heat sealable.

Due to the 118-inch fabric width, Commercial Heavy 430 cannot ship UPS.

Suggested uses: awnings, car park covers, playground shading, shade sails.

<b>Fabric</b>	High-Density Polyethylene (HDPE)
<b>FR Standards Met</b>	ASTM E84
<b>Warranty</b>	15-Year Against UV Degradation

Item Number	Style Number	Color	Put Up	Weight	Width
865600	484323	Aquatic Blue	43.74 yd.	13 oz./sq. yd.	118 in.
865601	484422	Black	43.74 yd.	13 oz./sq. yd.	118 in.
865613	492279	Bright Green	43.74 yd.	13 oz./sq. yd.	118 in.
865602	484361	Brunswick Green	43.74 yd.	13 oz./sq. yd.	118 in.
865603	484460	Charcoal	43.74 yd.	13 oz./sq. yd.	118 in.
865604	484385	Deep Ochre	43.74 yd.	13 oz./sq. yd.	118 in.
865605	484309	Desert Sand	43.74 yd.	13 oz./sq. yd.	118 in.
865606	484887	Emerald	43.74 yd.	13 oz./sq. yd.	118 in.
865607	484347	Natural	43.74 yd.	13 oz./sq. yd.	118 in.
865611	484446	Navy Blue	43.74 yd.	13 oz./sq. yd.	118 in.
865614	492786	Orange	43.74 yd.	13 oz./sq. yd.	118 in.
865608	484484	Red	43.74 yd.	13 oz./sq. yd.	118 in.
865615	492793	Royal Purple	43.74 yd.	13 oz./sq. yd.	118 in.
865609	484408	Steel Grey	43.74 yd.	13 oz./sq. yd.	118 in.
865610	485863	White	43.74 yd.	13 oz./sq. yd.	118 in.
865612	485849	Yellow	43.74 yd.	13 oz./sq. yd.	118 in.

GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. OEKO-TEX® is a registered trademark of the OEKO-TEX Association.



## Flag – Nylon

In a versatile white, this nylon fabric works best in fabricating flags and banners. Made from 200-denier cloth, it supplies a lightweight but durable material.

Item Number	Color	Denier	Put Up	Weight	Width
724800	White	200	100 yd.	2.92 oz./sq. yd.	59 in.

## Barricade™

Barricade is an advanced cover fabric featuring a breathable film sandwiched between two layers of soft but durable bicomponent non-woven material. From grills and motorcycles to cars and airplane windshields, Barricade guards against the damaging effects of sun, dirt, dust, and moisture. This highly water resistant and quick drying fabric will ensure valuable possessions are protected for years to come.

<b>Fabric</b>	Polypropylene
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Item Number	Color	Weight	Width
720320	Gray	4.1 oz./sq. yd. (6.88 oz./ly. yd.)	60 in.

Barricade™ is a trademark of Glen Raven, Inc.



## Coverlight® CSM Coated Nylon

Coverlight CSM coated nylon features all the advantages of Neoprene coating, but with exceptional abrasion resistance. One of the most versatile cover fabrics. Withstands deterioration by weather, ozone, sunlight, heat and moderately corrosive chemicals. This fabric offers excellent service at high temperatures. More resistant to high temperatures (up to 225°F) and oxidizing agents than Neoprene or vinyl.

CSM Coated Nylon can be sewn or cemented to provide airtight and watertight seams. CSM Coated Nylon cannot be heat or R.F. welded.

Suggested uses: Lifeboat covers, steam fumigation covers, truck tarpaulins.

<b>Fabric</b>	CSM (Chlorosulfanated Polyethylene) Coated Nylon
<b>Finish</b>	CSM (Chlorosulfanated Polyethylene)
<b>Warranty</b>	None

Item Number	Style Number	Color	Put Up	Weight	Width
965295	16209	Black	100 yd.	16 oz./sq. yd.	60 in.
965296	16242	Black	75 yd.	35 oz./sq. yd.	60 in.
965290	15954	Green	100 yd.	17 oz./sq. yd.	60 in.
965293	15957	White	100 yd.	17 oz./sq. yd.	60 in.

Coverlight® is a registered trademark of Trelleborg.

## Coverlight® Neoprene® Coated Nylon

Coverlight Neoprene coated nylon is a versatile general purpose material that provides good resilience and tensile strength. A popular choice for truck tarps, machine covers, and aircraft wing covers. This fabric is resistant to water, mildew and many solvents and petroleum based products. Available with a textured or a dusted surface. The dusted surface requires buffing before applying cement, but is less expensive and lends itself to a better surface for slipping the material on and off a truck, aircraft or similar type equipment. Material cannot be R.F. welded.

Performs well at temperatures up to 225°F.

<b>Fabric</b>	Neoprene Coated Nylon					
<b>Warranty</b>	None					
Item Number	Style Number	Description	Color	Put Up	Weight	Width
960009	18404	Textured	Black / Aluminum Gray	100 yd.	16 oz./sq. yd.	60 in.
960011	18411	Dusted	Black / Black	100 yd.	16 oz./sq. yd.	60 in.
960008	18403	Textured	Black / Black	100 yd.	16 oz./sq. yd.	60 in.

Coverlight® is a registered trademark of Trelleborg. Neoprene® is a registered trademark of E.I. du Pont de Nemours and Company.

## Dock Seal

Outstanding abrasion resistance, tear strength, and weatherability give these products a competitive advantage in the marketplace. Dock Seal is suitable for dock seal and heavy-duty tarp applications.

<b>Fabric</b>	Vinyl Coated Polyester					
Item Number	Description	Color	Put Up	Weight	Width	
978295	High Tear	Black	50 yards	40 oz./sq. yd.	60 in.	

## Tonneau-Tex® SP

A wide width for tonneau covers and protective applications requiring a minimum of seams. High tear and tensile strength. Weather, abrasion and rot resistance. Excellent cleanability and dimensional stability.

<b>Fabric</b>	100% Polyester Base					
<b>Finish</b>	Crush Embossed, Vinyl Coated					
Item Number	Color	Put Up	Weight	Width		
734515	Black	25 yd.	18 oz./sq. yd.	78 in.		

Tonneau-Tex® is a registered trademark of Bruin Plastics Co.

## Trivantage® GVC18

Trivantage GVC18 is an ideal choice for situations demanding a strong, durable tarp fabric.

Trivantage GVC18 resists rips, tears, abrasions and punctures. Performing well for all kinds of fitted, flat and special-duty tarps, this strong, economical fabric features an exceptionally soft hand that allows for ease of fabrication. It stays tough and can be easily handled at very low temperatures.

<b>Fabric</b>	Vinyl Coated Polyester				
Item Number	Color	Put Up	Weight	Width	
960180	Black	110 yd.	18 oz./sq. yd.	61.25 in.	
960181	Blue	110 yd.	18 oz./sq. yd.	61.25 in.	
960187	Gray	110 yd.	18 oz./sq. yd.	61.25 in.	
960184	Green	110 yd.	18 oz./sq. yd.	61.25 in.	
960186	Orange	110 yd.	18 oz./sq. yd.	61.25 in.	
960182	Red	110 yd.	18 oz./sq. yd.	61.25 in.	
960188	Tan	110 yd.	18 oz./sq. yd.	61.25 in.	
960183	White	110 yd.	18 oz./sq. yd.	61.25 in.	
960185	Yellow	110 yd.	18 oz./sq. yd.	61.25 in.	

Trivantage® is a registered trademark of Glen Raven, Inc.

## Utility Trash Tarp Fabric

This multi-colored mesh is ideally suited for trash truck covers and tarpaulins where rain or moisture protection is not required. Used to secure truckload contents against littering of roadways from fallout or blowoff. This material may be sewn together or bonded, and is abrasion and UV resistant.

<b>Fabric</b>	Vinyl Encapsulated Woven Polyester, Open Mesh					
Item Number	Color	Fabric Count	Put Up	Weight	Width	
997101	Multi-Color	11 x 11	100 yd.	12 oz./sq. yd.	96 in.	
997102	Multi-Color	11 x 11	100 yd.	12 oz./sq. yd.	72 in.	

## Phifertex® Recreational Mesh

Ideal for jump pit applications.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
997350	G00	Royal Blue	13 x 12	60 yd.	10.2 oz./sq. yd.	72 in.

Phifertex® is a registered trademark of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## Polyester Utility Mesh

This medium weight fabric offers an excellent balance of strength and degree of openness. The main application is mesh truck covers.

<b>Fabric</b>	Vinyl Encapsulated Polyester
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Item Number	Color	Fabric Count	Put Up	Weight	Width
997077	Black	11 x 11	100 yd.	11.5 oz./sq. yd.	96 in.

## Phifertex® General Purpose

Designed for use as a pool fence/barrier mesh.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

<b>Fabric</b>	Vinyl Coated Polyester Yarns
<b>FR Standards Met</b>	California Technical Bulletin 117, Section E
<b>Warranty</b>	3-Year

Item Number	Style Number	Color	Put Up	Weight	Width
997081	X04	Black	100 yd.	8.3 oz./sq. yd.	48 in.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## VCP

Premium vinyl coated polyester fabric for over-the-road covers.

Fabric		Vinyl Coated Polyester			
Item Number	Style Number	Color	Put Up	Weight	Width
967204	G18468	Black	110 yd.	18 oz./sq. yd.	61 in.
967206	G18468	Gray	110 yd.	18 oz./sq. yd.	61 in.
967203	G18468	Green	110 yd.	18 oz./sq. yd.	61 in.
967207	G18468	Orange	110 yd.	18 oz./sq. yd.	61 in.
967200	G18468	Red	110 yd.	18 oz./sq. yd.	61 in.
967202	G18468	Royal Blue	110 yd.	18 oz./sq. yd.	61 in.
967201	G18468	White	110 yd.	18 oz./sq. yd.	61 in.

## Energy Shield™

This reflective, laminated fabric is ideal for insulating industrial curtains, and drop ceilings. It is also used for thermal barriers, reflective spa cover liners, soft-sided coolers, airplane windshield covers, reflective tarpaulins, pizza bags, and many more energy-saving applications.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>Finish</b>	Taffeta Embossing
<b>FR Standards Met</b>	NFPA 701 Test Method 2, FMVSS 302

Item Number	Style Number	Put Up	Weight	Width
975399	200	100 yd.	10 oz./sq. yd.	54 in.
975398	100	50 yd.	18 oz./sq. yd.	54 in.

Energy Shield™ is a trademark of Bruin Plastics Company, Inc.

## Fyrguard™ Fire and Water-Resistant Cotton Duck

Number and Single-Filled Ounce Ducks are treated to meet the many uses where fire resistance is of primary importance. The treatment penetrates the fabric and does not allow it to support flame. Sold in full rolls only.

<b>Fabric</b>	Cotton Duck
<b>FR Standards Met</b>	CPAI-84
<b>Warranty</b>	None

Item Number	Color	Put Up	Weight	Width
766154	Olive Drab	100 yd.	12 oz./sq. yd.	48 in.

Fyrguard™ is a trademark of Glen Raven, Inc.

## Skipper Water-Resistant Cotton Duck

High-count, single-filled ounce duck, treated with the most dependable water- and mildew-resistant compounds. Ideal for tarps and covers. Sold in full rolls only.

<b>Fabric</b>	Cotton Duck
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Item Number	Color	Put Up	Weight	Width
764154	Olive Drab	100 yd.	12 oz./sq. yd.	48 in.
764115	Olive Drab	100 yd.	14.9 oz./sq. yd.	48 in.

## Herculite® Translucent – Flame Retardant

Laminated fabrics that are used in a variety of applications including construction enclosures, agricultural curtains, and divider curtains.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	ASTM D6413

Item Number	Style Number	Put Up	Weight	Width
973030	T13	75 yd.	13 oz./sq. yd.	62 in.

Herculite® is a registered trademark of Herculite Products Inc.

## Herculite® No. 80M

Built for military conditions, this laminated polyester fabric is built to last. The heavy-duty fabric can be used in a range of applications. It resists abrasion, water, mildew, and UV light. Meets general specifications for Mil AA-55308, Type 1 Class 1.

Suggested uses: stationary tarps, sandblast screens, divider curtains, lifeboat covers, stationary cargo covers.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	ASTM D-6413

Item Number	Style Number	Color	Put Up	Weight	Width
973127	80M	Black	50 yd.	18 oz./sq. yd.	61 in.
973123	80M	Gray	50 yd.	18 oz./sq. yd.	61 in.
973125	80M	Olive Drab	50 yd.	18 oz./sq. yd.	61 in.
973120	80M	Red	50 yd.	18 oz./sq. yd.	61 in.
973124	80M	White	50 yd.	18 oz./sq. yd.	61 in.

Herculite® is a registered trademark of Herculite Products Inc.

## Herculite® No. 90

Herculite 90 is an industrial, polyester fabric. With a host of features, it can be used in a range of industries. The laminated fabric defends against water, mildew, UV rays, and abrasion.

Suggested uses: stationary cargo covers, gym floor covers, heavy-duty upholstery, portable shelters, stationary tarps.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	ASTM D-6413

Item Number	Style Number	Color	Put Up	Weight	Width
973142	90	Black	50 yd.	18 oz./sq. yd.	61 in.
973148	90	Desert Tan	50 yd.	18 oz./sq. yd.	61 in.
973140	90	Grey	50 yd.	18 oz./sq. yd.	61 in.
973145	90	Royal Blue	50 yd.	18 oz./sq. yd.	61 in.
973141	90	White	50 yd.	18 oz./sq. yd.	61 in.

Herculite® is a registered trademark of Herculite Products Inc.

## Lam-A-Lite™ Style C13604

This vinyl-laminated polyester provides a fairly priced option in general-purpose fabrics. It is highly durable and mildew resistant.

Not recommended for over-the-road tarp applications.

Suggested uses: wall pads, equipment covers, cushions, curtains.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	California State Fire Marshal; NFPA 701, Test Method 2

Item Number	Color	Put Up	Weight	Width
975122	Black	100 yd.	13 oz./sq. yd.	61 in.
975124	White	100 yd.	13 oz./sq. yd.	61 in.

Lam-A-Lite™ is a trademark of Glen Raven, Inc.



## Lam-A-Lite™ Style C10641

C10641 is a lighter weight version of Lam-A-Lite C13604. The vinyl-laminated polyester offers a cost-effective option in general-purpose fabrics. The fabric is mildew resistant and durable.

Not recommended for over-the-road tarp functions.

Suggested uses: disposable emergency tarps, dust covers and curtains.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>FR Standards Met</b>	California State Fire Marshal; NFPA 701, Test Method 2

Item Number	Color	Put Up	Weight	Width
975002	Black	100 yd.	10 oz./sq. yd.	61 in.
975004	White	100 yd.	10 oz./sq. yd.	61 in.

Lam-A-Lite™ is a trademark of Glen Raven, Inc.

## Tufmesh™

Tufmesh™ is specially designed for the truck cover and tarp industry. It is also suited for other applications such as fencing and recreational applications.

<b>Fabric</b>	Glossy Vinyl Coating
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Item Number	Color	Fabric Count	Put Up	Weight	Width
997071	Black	11 x 11	100 yd.	10 oz./sq. yd.	72 in.

Tufmesh™ is a trademark of BondCote Corporation.

## Nico-Fab® Tarp Fabric

A low cost, first quality polypropylene tarp fabric. This material is highly ultraviolet resistant due to the amount of carbon black used. Suitable for mesh truck tarps.

Some items are drop ship only.

<b>Fabric</b>	Polypropylene
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Item Number	Style Number	Color	Put Up	Weight	Width
902885	25109	Black	100 yd.	4.5 oz./sq. yd.	143 in.
902888	20409	Black	100 yd.	6.5 oz./sq. yd.	96 in.

Nico-Fab® is a registered trademark of Ten Cate Nicolon.

## Poly-Mesh

Lightweight but very durable, Poly-Mesh is a heavy-duty mesh fabric that works for a range of applications. The mesh fabric can be used for shade, sail bags, pool covers, and truck covers. Made from 1000-denier woven polyester, Poly-Mesh has a glossy vinyl finish. This black screen fabric is made in the USA.

<b>Fabric</b>	1000 Denier Weft Inserted Warp Knit Polyester
<b>Finish</b>	Glossy Vinyl Coating

Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
910071	C60651	Black	9 x 9	75 yd.	6 oz./sq. yd.	61 in.

## Shelter-Rite® Poly-R Scrim

A mesh fabric exhibiting superior resistance to ultraviolet degradation. A significant feature is the maintenance of strength for added years of product service.

Suggested uses: trash truck covers, tennis court dividers, wind screens, gravel and sand truck tarps, canal erosion liners, paddle tennis curtains, pool covers.

<b>Fabric</b>	Vinyl Coated Polyester, Open Mesh
<b>Warranty</b>	None

Item Number	Color	Color Number	Put Up	Weight	Width
950746	Royal Blue	DC-46	100 yd.	7 oz./sq. yd.	60 in.
950706	White	DC-6	100 yd.	7 oz./sq. yd.	60 in.

Shelter-Rite® is a registered trademark of the Seaman Corporation.

## Shelter-Rite® Tarp Fabric Style 2118

This tarp fabric is designed for high performance and flexibility. Shelter-Rite #2118 is resistant to tears and abrasion.

Suggested uses: truck tarps, reefer ducts, modular-fitted protection covers, agriculture, industrial seating upholstery.

<b>Fabric</b>	Vinyl Coated Nylon
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Item Number	Style Number	Color	Color Number	Put Up	Weight	Width
951850	2118	Black	DC-7	110 yd.	18 oz./sq. yd.	61 in.

Shelter-Rite® is a registered trademark of the Seaman Corporation.

## Chair Duck

Commercial water-repellent finish on cotton number duck. For chairs, bags, or products where a heavier duck is needed. Continuous exposure to sunlight will cause fading.

<b>Fabric</b>	Cotton Number Duck
<b>Finish</b>	Water Repellent

Item Number	Style Number	Color	Put Up	Weight	Width
738250	#8	Black	50 yd.	18 oz./sq. yd.	58 in.

## Double-Filled Pre-Shrunk Bleached Cotton Duck

Suggested uses: aisle cloths, drop cloths, filter cloths, dust covers, bags, banners, and numerous other specialty items.

<b>Fabric</b>	Natural/Bleached Cotton
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Item Number	Fabric Count	Put Up	Weight	Width
700006	84 x 28	300 yd.	7 oz./sq. yd.	36 in.

## Midwest Brand Wide – Number Duck

Suggested uses: Heavy bags, roofing and floor covering (No. 8 or No. 10), laundry and harvester machine aprons, unprimed artist canvas (No. 12).

<b>Fabric</b>	100% Cotton
<b>Finish</b>	None (Greige)

Item Number	Style Number	Put Up	Weight	Width
632036	#10	100 yd.	15.0 oz./sq. yd.	36 in.
632048	#10	100 yd.	15.0 oz./sq. yd.	48 in.
632060	#10	100 yd.	15.0 oz./sq. yd.	60 in.
632072	#10	100 yd.	15.0 oz./sq. yd.	72 in.
632236	#12	100 yd.	11.5 oz./sq. yd.	36 in.
632248	#12	100 yd.	11.5 oz./sq. yd.	48 in.
632260	#12	100 yd.	11.5 oz./sq. yd.	60 in.
632272	#12	100 yd.	11.5 oz./sq. yd.	72 in.
632284	#12	100 yd.	11.5 oz./sq. yd.	84 in.
632296	#12	50 yd.	11.5 oz./sq. yd.	94 in.
631448	#4	100 yd.	24 oz./sq. yd.	48 in.
631460	#4	100 yd.	24 oz./sq. yd.	60 in.
631636	#6	100 yd.	20 oz./sq. yd.	36 in.
631660	#6	100 yd.	20 oz./sq. yd.	60 in.

Item Number	Style Number	Put Up	Weight	Width
631836	#8	100 yd.	18 oz./sq. yd.	36 in.
631848	#8	100 yd.	18 oz./sq. yd.	48 in.
631860	#8	100 yd.	18 oz./sq. yd.	60 in.
631872	#8	100 yd.	18 oz./sq. yd.	72 in.

## Sateen Duck

Suggested uses: dust covers, and large vacuum bags.

<b>Fabric</b>	Cotton Duck
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Item Number	Put Up	Weight	Width
640011	200 yd.	8.2 oz./sq. yd.	58 in.

## Single-Filled Enameling Cotton Duck

Suggested uses: pipe wrappers, artist cloth, dust covers, luggage lining, canvas shoes, sneakers and many other uses.

<b>Fabric</b>	Cotton Duck
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Item Number	Color	Put Up	Weight	Width
636007	Natural	100 yd.	7 oz./sq. yd.	72 in.

## Single-Filled Ounce Cotton Duck

A flat-weave duck with single yarns in warp and filling.

Suggested uses: drop cloths, bags and other specialty items.

<b>Fabric</b>	Cotton Duck
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Item Number	Color	Put Up	Weight	Width
616026	Natural	100 yd.	10 oz./sq. yd.	36 in.
616060	Natural	100 yd.	10 oz./sq. yd.	48 in.
616063	Natural	100 yd.	10 oz./sq. yd.	60 in.
616065	Natural	100 yd.	10 oz./sq. yd.	72 in.
616036	Natural	100 yd.	12 oz./sq. yd.	36 in.
616070	Natural	100 yd.	12 oz./sq. yd.	48 in.



## U.S. Army Cotton Duck

A plain-weave, firmly woven fabric made of long-staple, clean white cotton with high count, plied warp and filling yarn construction (two or more strands twisted together).

<b>Fabric</b>	Cotton Duck
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Item Number	Color	Put Up	Weight	Width
618024	Natural / White	100 yd.	12.98 oz./sq. yd.	37 in.

## Canton Flannel Natural – Untreated

A clean, high count twill is used to produce this fabric with nap on one side. Ideal for furniture and appliance pads and covers. Not water repellent.

<b>Fabric</b>	Cotton Twill, 65% Polyester/35% Cotton, Napped One Side
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Item Number	Style Number	Put Up	Weight	Width
656022	910D	300 yd.	10 oz./sq. yd.	37 in.
656012	912D	300 yd.	12 oz./sq. yd.	37 in.
656021	908D	300 yd.	8 oz./sq. yd.	37 in.
656070	238W	250 yd.	8 oz./sq. yd.	71 in.



## BetterVue™

Phifer's BetterVue insect screening for windows, doors and porches is an excellent visibility insect screen designed to maximize outward view.

Woven from small, refined yarns that improve the screen's openness, BetterVue makes visibility sharper and more brilliant. It's like a "high definition" insect screen for windows, doors, and screened porches. With BetterVue, customers see the clear and vibrant view, not the screen.

BetterVue has excellent visibility from inside and better curb appeal when viewing windows from the street. It features excellent insect protection due to 30% smaller openings than standard screen. An excellent product for coastal regions, BetterVue is available in black and has improved light transmittance and improved airflow due to increased openness.

BetterVue is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

<b>Fabric</b>	Vinyl Encapsulated Fiberglass
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Item Number	Color	Fabric Count	Put Up	Weight	Width
902748	Black	18 x 18	100 ft.	2.5 oz./sq. yd.	60 in.

BetterVue™ is a trademark of Phifer Inc. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

## No-See-Um Netting

This netting's tight construction prevents even the smallest bugs from getting into outdoor enclosures.

<b>Fabric</b>		Polyester			
Item Number	Color	Fabric Count	Put Up	Weight	Width
902835	Gray	46 x 28, 100 Denier x 20 Denier	100 yd.	0.9 oz./sq. yd.	72 in.

## Phifer® Polyester Mesh Screen Cloth

Phifer Polyester Base Screening is a durable screening material that can be used for general mesh screen purposes and a variety of household projects. Phifer's vinyl-coated polyester mesh insect screening is resistant to tearing, water, solvents, chemicals, and high temperatures. From sun control to protection from most small insects, Phifer polyester screening offers a variety of options that lends itself to use in multiple applications.

Suggested uses: window, door, porch, patio, and pool enclosure applications.

<b>Fabric</b>		Polyester			
Item Number	Color	Fabric Count	Put Up	Weight	Width
902970	Charcoal	18 x 16	100 ft.	4.6 oz./sq. yd.	24 in.
902971	Charcoal	18 x 16	100 ft.	4.6 oz./sq. yd.	30 in.
902972	Charcoal	18 x 16	100 ft.	4.6 oz./sq. yd.	36 in.
902973	Charcoal	18 x 16	100 ft.	4.6 oz./sq. yd.	48 in.
902974	Charcoal	18 x 16	100 ft.	4.6 oz./sq. yd.	72 in.
902975	Silver Gray	18 x 16	100 ft.	4.6 oz./sq. yd.	24 in.
902976	Silver Gray	18 x 16	100 ft.	4.6 oz./sq. yd.	30 in.
902977	Silver Gray	18 x 16	100 ft.	4.6 oz./sq. yd.	36 in.
902978	Silver Gray	18 x 16	100 ft.	4.6 oz./sq. yd.	48 in.
902979	Silver Gray	18 x 16	100 ft.	4.6 oz./sq. yd.	72 in.

Phifer® is a registered trademark of Phifer Incorporated.

## Phifer® TuffScreen®

This heavy-duty insect screening is three times stronger than regular insect screening. Pet-resistant and tear and puncture-resistant, it is ideal for use in high traffic areas.

TuffScreen is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban® protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

<b>Fabric</b>		Polyester			
<b>Finish</b>		Vinyl			
Item Number	Color	Put Up	Weight	Width	
902773	Black	100 ft.	7 oz.	60 in.	

TuffScreen® and Phifer® are registered trademarks of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.





## Covershade™ Agricultural Mesh

Covershade™ is a high quality knitted shade cloth. Applications include for protection of horticultural and agricultural crops, scaffold cover or site screening, wind break protection or car protection. It can also be used for over-the-road truck tarps and trash truck covers.

Sold in full rolls only. Some items are drop ship only.

<b>Fabric</b>	High Density Polyethylene (HDPE)
<b>Warranty</b>	10-Year Limited Warranty

Item Number	Description	Color	Put Up	Weight	Width
971696	Heavy (80%)	Black	55 yd.	7 oz./sq. yd.	144 in.
971695	Light (50%)	White	55 yd.	5 oz./sq. yd.	144 in.
971692	Medium (70%)	Beige	55 yd.	6 oz./sq. yd.	144 in.
971691	Medium (70%)	Black	55 yd.	6 oz./sq. yd.	144 in.
971690	Medium (70%)	Dark Green	55 yd.	6 oz./sq. yd.	144 in.

Covershade™ is a trademark of Polyfab USA.

## Duveltyne

Blackout material commonly used by theaters, movie and video production facilities, stage supply shops, grip departments and other production companies. Fabric is dyed black and napped on one side.

Laundering fabric may damage the finish.

<b>Fabric</b>	Cotton
<b>FR Standards Met</b>	NFPA 701, Test Method 1

Item Number	Color	Put Up	Weight	Width
768498	Black	100 yd.	10 oz./sq. yd.	54 in.

## High Temperature Cloth

An exceptionally rugged Aramid-base fabric, this cloth will stand up to high heat. It features high strength, ravel resistance, thermal protection, and dimensional stability. The heat-resistant cloth provides continuous protection up to 600° F. It is an excellent choice for heat containment blankets and shields. Made in the USA.

<b>Fabric</b>	Aramid Base
<b>Finish</b>	GEA Coating

Item Number	Style Number	Put Up	Weight	Width
903025	FL1700	50 yd.	17 oz./sq. yd.	40 in.

## Silicone-Coated Fiberglass Cloth

High-temperature resistance and incombustible properties make Silicone-Coated Fiberglass Cloth suitable for removable insulation, pads, drop cloths, welding curtains, welding shields, welding, blankets, hose coverings, and gasketing.

<b>Fabric</b>	Fiberglass
<b>Finish</b>	Silicone Coated
<b>FR Standards Met</b>	Federal Test Method 191A/M5903.1

Item Number	Style Number	Color	Put Up	Weight	Width
903017	SGL1700	Gray	50 yd.	17 oz./sq. yd.	60 in.

## Polyester Filter Fabric

For use with dust and air filters, this polyester filter fabric is made from multifilament polyester twill. The economical filter fabric comes in a natural, off-white color.

<b>Fabric</b>	Multifilament Polyester Twill
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Item Number	Style Number	Color	Put Up	Weight	Width
999406	5038-2-54	Natural	100 yd.	5 oz./sq. yd.	53 in.

## Polypropylene Filter Fabric

Lightweight, strong polypropylene fabric with excellent resistance to most acids and alkalis. For swimming pool filters, air filters, dye production and dust collection. This cloth has a low density. Air permeability 20-30 CFM at 1/2 inch pressure drop.

Fabric						
Polypropylene						
Item Number	Style Number	Color	Fabric Count	Put Up	Weight	Width
999412	7027-3-4 (7001)	Natural	76 x 60	100 yd.	4.1 oz./sq. yd.	54 in.

## Polypropylene Trampoline Fabric

For trampoline beds. Hot slit selvage; suggest folding under for finished hem.

Fabric						
Polypropylene						
Item Number	Style Number	Color	Put Up	Weight	Width	
902889	24109	Black	100 yd.	7.6 oz./sq. yd.	155 in.	

## Windscreen

A perfect backdrop and windscreen fabric made of polypropylene. Its porous construction is the ideal windbreak. Retains its size and color, and will not mildew. Has great strength and abrasion resistance. Is lightweight – just fasten to existing fences. Stays light – will not absorb water. Cuts the wind and shades the glare for a cooler court and better playing conditions.

Closed Mesh fabrics are heat-sealable with a hot air or wedge welder but not radio frequency (RF).

Fabric						
Polypropylene						
Item Number	Style Number	Description	Color	Put Up	Weight	Width
902915	21619	Closed Mesh	Black	100 yd.	5.6 oz./sq. yd.	75 in.
902871	21612	Closed Mesh	Green	100 yd.	5.6 oz./sq. yd.	75 in.
902895	20229	Open Mesh	Black	100 yd.	4.9 oz./sq. yd.	75 in.
902870	20812	Open Mesh	Green	100 yd.	4.9 oz./sq. yd.	75 in.

## Pooltex

A strong and durable fabric, specially designed for pool covers. Lightweight – easy to handle and fabricate. Resists alkalis, acids, sun's rays and mildew.

Fabric						
Polypropylene Mesh						
Item Number	Style Number	Color	Put Up	Weight	Width	
902917	22509	Black / Black	150 yd.	4.2 oz./sq. yd.	73 in.	
902875	26502/22602	Black / Green	150 yd.	4.2 oz./sq. yd.	73 in.	
902874	24503	Blue / Black	150 yd.	4.2 oz./sq. yd.	73 in.	

## Renter's Choice

Designed for canopy, tent, and indoor and outdoor banner jobs, this fabric is durable and easy to keep clean. Finished with a high gloss emboss, the fabric always looks great. Renter's Choice is resistant to water, mildew, rot and ultraviolet rays. Plus, it's heat sealable and flame retardant. The fabric can be digitally printed with either UV curable or solvent inkjet systems.

Fabric		Vinyl Laminated Polyester
Finish		High Gloss Emboss
FR Standards Met		California State Fire Marshal Title 19; NFPA 701 Test Method 2

Item Number	Description	Color	Put Up	Weight	Width
968300		White	100 yd.	10 oz./sq. yd.	61 in.
968320		White	100 yd.	13 oz./sq. yd.	61 in.
968340	Blackout	White	100 yd.	16 oz./sq. yd.	61 in.

## Tex-Tex®

A lightweight, water resistant, mildew resistant and flame-retardant tenting fabric, designed for family camping.

Fabric		Texturized Polyester
FR Standards Met		CPAI-84; NFPA 701
Warranty		None

Item Number	Style Number	Color	Put Up	Weight	Width
767601	58601	Off White	150 yd.	4.25 oz./sq. yd.	61 in.

Tex-Tex® is a trademark of Graniteville Specialty Fabrics.



## Showtime® II

Showtime II provides excellent performance with a high gloss, ultra smooth surface and an extensive color offering.

<b>Fabric</b>	Vinyl Laminated Polyester
<b>Finish</b>	High Gloss Embossing
<b>FR Standards Met</b>	California State Fire Marshal Title 19; NFPA 701
<b>Warranty</b>	2-Year

Item Number	Color	Put Up	Weight	Width
973337	Black	100 yd.	14 oz./sq. yd.	61 in.
973299	Forest Green	100 yd.	14 oz./sq. yd.	61 in.
973304	Lime Green	100 yd.	14 oz./sq. yd.	61 in.
973309	Orange	100 yd.	14 oz./sq. yd.	61 in.
973308	Pink	100 yd.	14 oz./sq. yd.	61 in.
973302	Purple	100 yd.	14 oz./sq. yd.	61 in.
973300	White	100 yd.	14 oz./sq. yd.	61 in.
973338	Yellow	100 yd.	14 oz./sq. yd.	61 in.

Showtime® is a registered trademark of Herculite Products Inc.



## General Care And Cleaning Instructions For Selected Awning, Marine, And Industrial Fabrics

Trivantage® offers the most exceptional awning, marine, and industrial fabrics in the industry. To maximize the life of your product, we recommend proper maintenance throughout its lifespan. The following are suggestions for care and cleaning of selected fabrics. The general guidelines – keeping dirt, leaves, and debris from accumulating on the surface, regularly washing with water, avoiding dragging on rough surfaces, etc. – applies to all fabrics used in outdoor applications.

Note: Trivantage offers a complete line of cleaning and protection products for industrial fabrics.

### Tips on Care of Trivantage Awning, Marine and Industrial Fabrics

The lifespan of your fabrics depends on the way you use and care for them. Your fabrics are made from either cotton or synthetic fibers. Even the most durable materials require a certain amount of care, and with only a minimal amount of attention, your fabrics are easy to maintain. Use the following do's and don'ts to properly care for your awning, marine, and industrial fabrics. Preserve the life and beauty of awning, marine, and industrial fabrics by following these suggestions and general tips:

#### Some Do's

**Do** keep the fabric clean. This is the best protection against mildew. Even on mildew resistant fabric, mildew can grow on accumulated dirt or foreign materials that remain on the top or bottom surface and eventually damage or stain the fabric. We cannot be responsible for such damage.

**Do** wash down your fabrics. If they are vinyl coated, brush lightly with a cloth or soft brush. You can use a mild soap, but rinse thoroughly and immediately.

**Do** hose your fabric with clean water occasionally, every month or so. We recommend that you do this on a hot, sunny day.

**Do** keep the underside of your fabrics clean by simply brushing with a clean household broom or brush.

**Do** keep shrubbery and vines away from an awning, as many bushes contain an acid that can be harmful to your awnings.

**Do** check the condition of any frames. Rust is not likely to form, but it might cause deterioration or staining of the fabric if it should.

#### Some Don'ts

**Do Not** fold or roll awning fabric in cold temperature.

**Do Not** drag your awning, marine, or industrial fabrics across any abrasive surfaces, such as cement, asphalt, or the awning frame.

**Do Not** get insect spray on the fabric, as some solutions may impair the water repellency of the fabric and cause staining.

**Do Not** allow water to stand on the fabrics, causing pocketing and possible stretching.

**Do Not** overlook small rips or tears. Repair your fabric if a sharp object punctures it.

**Do Not** wash your fabrics with a harsh or strong solution, or scrub too vigorously with an abrasive cleaner.

**Do Not** force or yank an awning when raising or lowering them. Do it gradually.

**Do Not** cook food or have fires beneath or around the fabrics.

**Do Not** store fabrics when damp or wet. Dampness causes mildew and is a fabric's greatest foe. Mildew may grow on the surface of a damp fabric and permanently stain the fabric.

**Do Not** permit leaves, twigs, dirt etc., to remain on your fabric as they might cause staining.

Trivantage® is a registered trademark of Glen Raven, Inc.



## Aqualon® Edge

### 7-Year Limited Warranty

Aqualon Edge is warranted for a period of seven years (7) from the date of the installation in a marine cover, top or enclosure end uses. The warranty protects the end user from excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover seam leakage, damage from Acts of God, vandalism, neglect or improper cleaning and improper use. Please see your Trivantage®, LLC representative for cleaning instructions.

In the unlikely event of fabric failure during the warranty period Graniteville Specialty Fabrics will supply the end product fabricator or Trivantage, LLC new fabric free of charge equal to the fabric used in the end use item. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

**Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

**Graniteville Specialty Fabrics**  
Aqualon® is a registered trademark of Glen Raven, Inc.

## Aqualon Edge Soft

### 7-Year on Fabric Face

Aqualon® Edge Soft is warranted for a period of seven years (7) from the date of the installation in a marine cover, top or enclosure end uses. The warranty protects the end user from excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover seam leakage, soft backing, damage from Acts of God, vandalism, neglect or improper cleaning and improper use. Please see your Trivantage®, LLC representative for cleaning instructions.

In the unlikely event of fabric failure during the warranty period Trivantage, LLC will supply the end product fabricator with new fabric free of charge equal to the fabric used in the end use item. Labor and installation are not covered by this warranty. Trivantage, LLC reserves the right to inspect the fabric or made up item of any warranty claim.

**Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Trivantage, LLC. In no event shall Trivantage, LLC be liable for damages to any person or property, or any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC.

**Graniteville Specialty Fabrics**  
Aqualon® is a registered trademark of Glen Raven, Inc.

## Architec 400®

### 15-Year Against UV Degradation

**UV PERFORMANCE WARRANTY FOR ARCHITEC 400®**  
ARCHITEC 400® (“fabric”) is a unique and innovative Extra Heavy Duty knitted shade cloth designed for architectural sails and commercial shade structures.

**Warranty**  
Polyfab USA LLC (“Polyfab”) warrants to the initial purchaser that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 15 years from the date of installation. The term abnormal deterioration means deterioration exceeding 10% of the fabric’s original strength for each year over the 15-year warranty period, and does not include normal wear and tear. If the fabric does suffer from abnormal deterioration during the 15-year warranty period, Polyfab will, at its option either replace the fabric or supply equivalent fabric, or pay the cost of replacing the fabric or of acquiring equivalent fabric on the following pro-rata basis:

- 1-5 years 100% of the original fabric purchase price
- 6-10 years 50% of the original fabric purchase price
- 11-15 years 25% of the original fabric purchase price

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB’S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

Exclusions and Product Disclaimers  
This warranty does not cover, and Polyfab is not liable for, deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Outdoor fabrics are subject to harsh conditions, and degradation over time is to be expected. Architec 400 is supported with a 15-year UV warranty. During this period the fabric will remain serviceable and fit for purpose. Color fading is normal over time. Colors containing red and yellow pigments have a tendency to fade more than others. This is not a loss of strength/breakdown caused by UV exposure and is not covered by the product warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.

- Wind flap is the major cause of premature breakdown in any quality outdoor fabric. It is therefore critical that the Architec 400 be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage, on structural poles and support wires is deemed to be mechanical breakdown and is not covered by the UV warranty.
- Architec 400 should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.
- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%.

**Limitation of Liability**

Polyfab’s obligations and liabilities are expressly and exclusively limited to those set forth herein. POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS, OR OTHER COMMERCIAL LOSS, AND INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY, EXCEPT AS OTHERWISE PROVIDED FOR HEREIN. NOTWITHSTANDING THE FOREGOING, ANY LIABILITY RELATED TO THE FABRIC SHALL BE LIMITED TO THE PURCHASE PRICE OF THE FABRIC.

**Claims Procedure**

All claims must be made in writing, within 30 days from the date upon which the defect became known, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof purchase, including the date and location of fabric purchase.

**POLYFAB AUSTRALIA Pty. Ltd.**  
Architec 400® is a registered trademark of Polyfab USA.

# Aura

**3-Year**

**Nassimi LLC Coated Fabrics Warranty**

Nassimi LLC warrants that its upholstery material products will be free from defects in material and workmanship under normal use for a period of 3 years from date of original purchase, as set forth herein.

In the event that our upholstery material products do not perform to the specified performance standards, Nassimi LLC will offer replacement material free of charge. Provided the material was used for the intended application of the material and was cleaned using the appropriate care & cleaning methods outlined for these products.

For the warranty to go into effect it must be established that the product has:

- Been properly installed and not in a manner that puts excessive stress on any part of the material.
- Been properly maintained and has been cleaned using the appropriate cleaning agents and methods that are outlined by Nassimi LLC for the pattern.
- Not been intentionally damaged, such as (but not limited to) tearing, puncturing, intentional graffiti or vandalism.
- Not been post treated by the customer (such as but not limited to flame or adhesive lamination or chemical treatment after shipment by Nassimi LLC).
- Been upholstered in conjunction with proper foam cushioning under the material.
- Not been exposed to inks or dyes that may have transferred to the material.

If the product failure is determined to be from one of the aforementioned reasons the warranty is null and void. In the event that the product is determined by Nassimi to be defective during year one or two of this warranty Nassimi LLC will offer replacement product and additional support for labor not to exceed \$20.00/yd. for the amount of yardage used on the project offered in the form of a credit memo. During year three of this warranty Nassimi LLC will supply replacement product but will not be responsible for labor or any other costs associated to the claim.

If there is a visible defect in the material that has not been caused by an external contaminate or force Nassimi LLC will only responsible for the reimbursement of the original yardage that is remaining in full rolls. No labor will apply.

Except for the foregoing, the upholstery material product is provided “AS IS,” and except as specified in this warranty section, all express or implied conditions, representations, and warranties including, without limitation, any implied warranty or condition of merchantability, fitness for a particular purpose, non-infringement, satisfactory quality, non-interference, accuracy of informational content, or arising from a course of dealing, law, usage, or trade practice, are hereby excluded to the extent allowed by applicable law and are expressly disclaimed by Nassimi LLC. This limited warranty extends only to the original purchaser of our product. Proof of purchase may be required.

Nassimi LLC

# AwnTex® 70 and 160

**5-Year**

**Extended Limited Warranty**

**What Is Covered?** This warranty covers the fabric becoming nonfunctional because of loss of dimensional stability from exposure conditions including sunlight, mildew, rot and normal atmospheric conditions. It does not cover discoloration from atmospheric pollution or other debris.

**How Long Is The Coverage Period?** The warranty coverage runs for five (5) years from the date of original installation.

**What Will Phifer Do?** Phifer Incorporated will provide new fabric, free, to replace the non-functioning fabric. This warranty does not cover the cost of labor or other consequential or incidental expenses.

**How Can You Get Service?** Call the dealer from whom you purchased the product. They will contact Trivantage, LLC who will secure the new material from Phifer and ship to the dealer. This warranty is valid only if a sample of the fabric, with defects, is submitted with a photograph of the installation and an invoice showing the item and date purchased.

This is the complete and only warranty provided for AwnTex brand fabric. There are no other warranties, expressed or implied, for this product.

**Phifer Inc.**  
AwnTex® is a registered trademark of Glen Raven, Inc.

# Commercial DualShade® 350

**10-Year Against UV Degradation**

Commercial DualShade® 350 Knitted Shadecloth  
Gale Pacific Limited

**Product Warranty and Limitation of Liability**

Commercial DualShade® 350 is a high-quality knitted shade fabric designed for tension structures, awnings and shade covers (Product). The **Product** is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The Product is manufactured in China by **Gale Pacific** Limited ACN 082 263 778 (Gale Pacific), an ISO9001:2015 accredited company.

## FABRIC WARRANTY INFORMATION

### Warranty

If, as a direct result of ultra-violet exposure, the Product cracks, splits or tears (“**defect**”) within 10 years after the date on which the Product was validly purchased from Gale Pacific or an authorised distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the Product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the Product was purchased in North America, to Gale Pacific Inc, 285 West Central Parkway, Ste. 1704 Altamonte Springs, FL 32714 USA or, if the Product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the Product fabric for laboratory testing and proof of place and date of purchase of the Product.

2. Gale Pacific will not be liable for any claim made under this warranty in respect of any Product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the Product or usage of the Product for purposes other than that for which the Product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the Product has been subjected to misuse, neglect, accident or abuse.
- If the Product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
- If the Product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Colour fading of the Product (even if due to exposure of the Product to ultra-violet rays);
- Note: Fabrics containing Bright Green, Cherry Red, Orange, Royal Purple and Yellow yarn will be more susceptible to fading than other colours.
- A deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect;
- Any damage to the Product caused or contributed to by exposing the Product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the Product near an open flame (including flames from a barbecue), tensioning the Product beyond its tear and tensile capabilities or mechanical friction;
- Damage caused by natural disaster including storms, hailstorm, earthquake, fire, lightening, vandalism, misuse or damage caused by animals; or Damage that results from accident or normal wear and tear. Note: Shade sails or structures that are greater than 1.8 metres above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilisers and will negate the warranty.

4. This warranty is non-transferable and applies only to the initial purchaser of the installed Product.

5. This warranty applies to the fabric component only.

6. The Product comes with guarantees that cannot be excluded under Australian Consumer Law. Gale Pacific will be liable to replace or refund the Product for a major failure and for compensation for any other reasonably foreseeable loss or damage. In addition to the above warranty, the Competition and Consumer Act 2010 (Cth) and other state and territory legislation may imply guarantees, warranties or conditions or impose liability on Gale Pacific in relation to the Product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied guarantees, warranties or conditions and such liability, and for the guarantee described above:

- All guarantees, warranties and conditions (whether express or implied, statutory or otherwise) relating to the Product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the Product) in any way relating to or arising from the Product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a guarantee, warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific’s liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific’s liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

### **Gale Pacific Pty. Ltd**

DualShade® is a registered trademark of Gale Pacific Limited

## Commercial DualShade® 350 FR

### **10-Year Against UV Degradation**

Commercial DualShade® 350 FR Knitted Shadecloth  
Gale Pacific Limited

### **Product Warranty and Limitation of Liability**

Commercial DualShade® 350 FR is a high-quality knitted shade fabric designed for tension structures, awnings and shade covers (Product). The **Product** is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The Product is manufactured in China by Gale Pacific Limited ACN 082 263 778 (**Gale Pacific**), an ISO9001:2015 accredited company.

### **Warranty**

If, as a direct result of ultra-violet exposure, the Product cracks, splits or tears (“**defect**”) within 10 years after the date on which the Product was validly purchased from Gale Pacific or an authorised distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the Product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the Product was purchased in North America, to Gale Pacific Inc, 285 West Central Parkway, Ste. 1704 Altamonte Springs, FL 32714 USA or, if the Product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the Product fabric for laboratory testing and proof of place and date of purchase of the Product.

2. Gale Pacific will not be liable for any claim made under this warranty in respect of any Product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the Product or usage of the Product for purposes other than that for which the Product was designed or intended.

## Commercial Heavy 430

### 15-Year Against UV Degradation

Commercial® Heavy 430 Knitted Shadecloth

#### **GALE Pacific Limited**

#### **Product Warranty and Limitation of Liability**

Commercial® Heavy 430 is a high quality knitted shade fabric designed for tension structures, awnings, and shade covers. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The **product** is manufactured in China by GALE Pacific Limited ACN 082 263 778 ("**GALE Pacific**"), an ISO9002 accredited company.

#### **Warranty**

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears ("defect") within 15 years after the date on which the product is purchased from GALE Pacific or an authorised distributor or agent of GALE Pacific, GALE Pacific will, at its option, replace the fabric component of the product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

7. All claims under this warranty must be made in writing addressed to GALE Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to GALE Pacific Inc, PO Box 951509, Lake Mary, Florida 32795 – 1509, USA, if the product was purchased in the Middle East, to GALE Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates, or if the product was purchased in Europe or Asia, to Gale Pacific No. 777 Hengshan W. Road, Beilun, Ningbo, China 315800. All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.

8. GALE Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than GALE Pacific.
- If the product has been subjected to misuse, neglect, accident or abuse.
- If the product is altered or modified in any way unless such modification has been approved in writing by GALE Pacific.
- If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by GALE Pacific.

9. This warranty does not cover:

- Colour fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
- Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 metres above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilisers and will negate the warranty.

10. This warranty is not transferable, and applies only to the initial purchaser of the installed product.

11. This warranty applies to the fabric only.

- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the Product has been subjected to misuse, neglect, accident or abuse.
- If the Product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
- If the Product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Colour fading of the Product (even if due to exposure of the Product to ultra-violet rays);
- Note: Fabrics containing Bright Green, Cherry Red, Orange, Royal Purple and Yellow yarn will be more susceptible to fading than other colours.
- A deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect;
- Any damage to the Product caused or contributed to by exposing the Product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the Product near an open flame (including flames from a barbecue), tensioning the Product beyond its tear and tensile capabilities or mechanical friction;
- Damage caused by natural disaster including storms, hailstorm, earthquake, fire, lightening, vandalism, misuse or damage caused by animals; or Damage that results from accident or normal wear and tear. Note: Shade sails or structures that are greater than 1.8 metres above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilisers and will negate the warranty.

4. This warranty is non-transferable and applies only to the initial purchaser of the installed Product.

5. This warranty applies to the fabric component only.

6. The Product comes with guarantees that cannot be excluded under Australian Consumer Law. Gale Pacific will be liable to replace or refund the Product for a major failure and for compensation for any other reasonably foreseeable loss or damage. In addition to the above warranty, the Competition and Consumer Act 2010 (Cth) and other state and territory legislation may imply guarantees, warranties or conditions or impose liability on Gale Pacific in relation to the Product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied guarantees, warranties or conditions and such liability, and for the guarantee described above:

- All guarantees, warranties and conditions (whether express or implied, statutory or otherwise) relating to the Product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the Product) in any way relating to or arising from the Product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a guarantee, warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

#### **Gale Pacific Pty. Ltd**

DualShade® is a registered trademark of Gale Pacific Limited



## FABRIC WARRANTY INFORMATION

In addition to the above warranty, the Trade Practices Act 1974 (Cth) and other state and territory legislation may imply warranties or conditions or impose liability on GALE Pacific in relation to the product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied warranties or conditions and such liability, and for the warranty described above:

- All warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and
- GALE Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, GALE Pacific).
- If liability for breach by GALE Pacific of a warranty or condition or any other liability imposed on GALE Pacific by legislation which cannot be excluded may be limited, GALE Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, GALE Pacific's liability is limited in any one of the permitted ways chosen by GALE Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.

## Commercial Heavy 430 FR

### 12-Year Against UV Degradation

Commercial Heavy 430FR Knitted Shadecloth  
Gale Pacific Limited

#### **Product Warranty and Limitation of Liability**

Commercial Heavy 430FR is a high-quality, flame retardant knitted shade fabric designed for tension structures, awnings and shade covers (**Product**). The Product is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The Product is manufactured in China by Gale Pacific Limited ACN 082 263 778 (**Gale Pacific**), an ISO9001:2015 accredited company.

#### **Warranty**

If, as a direct result of ultra-violet exposure, the Product cracks, splits or tears ("defect") within 12 years after the date on which the Product was validly purchased from Gale Pacific or an authorised distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the Product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the Product was purchased in North America, to Gale Pacific Inc, 285 West Central Parkway, Ste. 1704 Altamonte Springs, FL 32714 USA or, if the Product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the Product fabric for laboratory testing and proof of place and date of purchase of the Product.
2. Gale Pacific will not be liable for any claim made under this warranty in respect of any Product in any of the following circumstances:
  - If the defect is contributed to or caused by any improper use of the Product or usage of the Product for purposes other than that for which the Product was designed or intended.
  - If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
  - If the Product has been subjected to misuse, neglect, accident or abuse.
  - If the Product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.

- If the Product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.
3. This warranty does not cover:

- Colour fading of the Product (even if due to exposure of the Product to ultra-violet rays);

Note: Fabrics containing Bright Green, Cherry Red, Orange, Royal Purple and Yellow yarn will be more susceptible to fading than other colours.

- A deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect;
- Any damage to the Product caused or contributed to by exposing the Product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the Product near an open flame (including flames from a barbecue), tensioning the Product beyond its tear and tensile capabilities or mechanical friction;
- Damage caused by natural disaster including storms, hailstorm, earthquake, fire, lightening, vandalism, misuse or damage caused by animals; or Damage that results from accident or normal wear and tear. Note: Shade sails or structures that are greater than 1.8 metres above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilisers and will negate the warranty.

4. This warranty is non-transferable and applies only to the initial purchaser of the installed Product.

5. This warranty applies to the fabric component only.

6. The Product comes with guarantees that cannot be excluded under Australian Consumer Law. Gale Pacific will be liable to replace or refund the Product for a major failure and for compensation for any other reasonably foreseeable loss or damage. In addition to the above warranty, the Competition and Consumer Act 2010 (Cth) and other state and territory legislation may imply guarantees, warranties or conditions or impose liability on Gale Pacific in relation to the Product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied guarantees, warranties or conditions and such liability, and for the guarantee described above:

- All guarantees, warranties and conditions (whether express or implied, statutory or otherwise) relating to the Product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the Product) in any way relating to or arising from the Product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a guarantee, warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd

## Commercial NinetyFive 340

### 10-Year Against UV Degradation

Commercial NinetyFive 340 is a high quality knitted shade fabric designed for tension structures, awnings, and shade covers. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The product is manufactured in Australia by Gale Pacific Limited ACN 082 263 778 ("Gale Pacific"), an ISO9002 accredited company.

#### Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears ("defect") within 10 years after the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

- All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific USA, 285 West Central Parkway, Suite 1704, Altamonte Springs, Florida 32714, or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.
- Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:
  - If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
  - If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
  - If the product has been subjected to misuse, neglect, accident or abuse.
  - If the product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
  - If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.
- This warranty does not cover:
  - Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
  - Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and will negate the warranty.

- This warranty is not transferable, and applies only to the initial purchaser of the installed product.
- This warranty applies to the fabric only.

In addition to the above warranty, the Trade Practices Act 1974 (Cth) and other state and territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply, which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied warranties or conditions and such liability, and for the warranty described above:

- All warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd

## Commercial NinetyFive 340 FR

### 10-Year Against UV Degradation

Commercial NinetyFive 340 FR Knitted Shadecloth  
GALE Pacific Limited

#### Product Warranty and Limitation of Liability

Commercial NinetyFive 340 FR is a high-quality knitted flame-retardant shade fabric designed for tension structures, awnings and shade covers (**Product**). The Product is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The Product is manufactured in China by Gale Pacific Limited ACN 082 263 778 (**Gale Pacific**), an ISO9001:2015 accredited company.

#### Warranty

If, as a direct result of ultra-violet exposure, the Product cracks, splits or tears ("defect") within 10 years after the date on which the Product was validly purchased from Gale Pacific or an authorised distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the Product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

- All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the Product was purchased in North America, to Gale Pacific Inc, 285 West Central Parkway, Ste. 1704 Altamonte Springs, FL 32714 USA or, if the Product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the Product fabric for laboratory testing and proof of place and date of purchase of the Product.
- Gale Pacific will not be liable for any claim made under this warranty in respect of any Product in any of the following circumstances:
  - If the defect is contributed to or caused by any improper use of the Product or usage of the Product for purposes other than that for which the Product was designed or intended.
  - If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
  - If the Product has been subjected to misuse, neglect, accident or abuse.
  - If the Product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.

## FABRIC WARRANTY INFORMATION

- If the Product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Color fading of the Product (even if due to exposure of the Product to ultra-violet rays);

Note: Fabrics containing Bright Green, Cherry Red, Orange, Royal Purple and Yellow yarn will be more susceptible to fading than other colors

- A deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect;
- Any damage to the Product caused or contributed to by exposing the Product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the Product near an open flame (including flames from a barbecue), tensioning the Product beyond its tear and tensile capabilities or mechanical friction;
- Damage caused by natural disaster including storms, hailstorm, earthquake, fire, lightening, vandalism, misuse or damage caused by animals; or Damage that results from accident or normal wear and tear. Note: Shade sails or structures that are greater than 1.8 metres above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilisers and will negate the warranty.

4. This warranty is non-transferable and applies only to the initial purchaser of the installed Product.

5. This warranty applies to the fabric component only.

6. The Product comes with guarantees that cannot be excluded under Australian Consumer Law. Gale Pacific will be liable to replace or refund the Product for a major failure and for compensation for any other reasonably foreseeable loss or damage. In addition to the above warranty, the Competition and Consumer Act 2010 (Cth) and other state and territory legislation may imply guarantees, warranties or conditions or impose liability on Gale Pacific in relation to the Product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied guarantees, warranties or conditions and such liability, and for the guarantee described above:

- All guarantees, warranties and conditions (whether express or implied, statutory or otherwise) relating to the Product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the Product) in any way relating to or arising from the Product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a guarantee, warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

**Gale Pacific Pty. Ltd**

## Comshade® Xtra

### 15-Year Limited Warranty

#### LIMITED WARRANTY FOR COMSHADE® XTRA

**COMSHADE® XTRA** ("fabric") is a unique and innovative Extra Heavy Duty knitted shade cloth designed for architectural shade sails and commercial shade structures.

#### Limited Warranty

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser of the fabric that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 15 years from the date of installation. The term abnormal deterioration means deterioration exceeding 10% of the fabric's original strength for each year over the 15-year warranty period, and does not include normal wear and tear. If the fabric does suffer from abnormal deterioration during the 15-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric, or pay to the initial purchaser the cost of replacing the fabric or of acquiring equivalent fabric on the following pro-rata basis:

1-5 years 100% of the original fabric purchase price

6-10 years 50% of the original fabric purchase price

11-15 years 25% of the original fabric purchase price

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

#### Exclusions and Product Disclaimers

This limited warranty does not cover, and Polyfab is not liable for, abnormal deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading. Color fading is normal over time. Fabric colors containing red or yellow pigments have a tendency to fade more than others. Color Fading is not abnormal deterioration or a loss of strength/breakdown and is not covered by this warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.
- During installation, the fabric should not be subject to "pre-stressed" loading in excess of 20%.
- Wind flap and storm damages are major causes of abnormal deterioration and premature breakdown in any quality outdoor fabric. It is therefore critical that the fabric be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage on structural poles and support wires is mechanical breakdown and not covered by this warranty.

- The fabric should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.
- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%.

**Limitation of Liability**

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. EXCEPT AS OTHERWISE PROVIDED FOR HEREIN, POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS OR OTHER COMMERCIAL LOSSES, INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY. IN THE EVENT POLYFAB IS FOUND TO BE LIABLE FOR ANY DAMAGE OR LOSS RELATED TO THE FABRIC, SUCH LIABILITY SHALL BE LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE FABRIC.

**Claims Procedure**

All claims under this limited warranty must be made in writing, within 30 days from the date upon which the defect became known to the initial purchaser, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof of purchase, including the date and location of fabric purchase, and photos of the finished installation.

**POLYFAB AUSTRALIA Pty. Ltd.**

Comshade® is a registered trademark of Polyfab USA LLC

**Comtex®+**

**12-Year Against UV Degradation**

**POLYTEX+® and COMTEX+® EXTRA HEAVY DUTY KNITTED**

**SHADECLOTH ("fabric") are premium fabrics designed for use in shade structures and shade sails.**

**Limited Warranty**

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser of the fabric that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 12 years from the date of installation. The term abnormal deterioration means (i) deterioration exceeding 5% of the fabric's original tensile and tear strength (both in warp and weft direction) caused by ultra violet radiation and the chemical processes that ultra violet radiation initiates in the plastics and the additives alone for each year over the 12-year warranty period, and does not include normal wear and tear, or (ii) the fabric has mechanically failed during the actual application in the shading environment intended for such fabric. The maximum working load of the fabric should not exceed 60% of the break strength in both warp and weft directions. If the fabric does suffer from abnormal deterioration during the 12-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric.

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

**Exclusions and Product Disclaimers**

This limited warranty does not cover, and Polyfab is not liable for, abnormal deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.

- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading. Color fading is normal over time. Fabric colors containing red or yellow pigments have a tendency to fade more than others. Color Fading is not abnormal deterioration or a loss of strength/breakdown and is not covered by this warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.
- During installation, the fabric should not be subject to "pre-stressed" loading in excess of 20%.
- Wind flap and storm damages are major causes of abnormal deterioration and premature breakdown in any quality outdoor fabric. It is therefore critical that the fabric be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage on structural poles and support wires is mechanical breakdown and not covered by this warranty.
- The fabric should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.
- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%.

**Limitation of Liability**

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. EXCEPT AS OTHERWISE PROVIDED FOR HEREIN, POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LABOR COSTS OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS OR OTHER COMMERCIAL LOSSES, INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY. IN THE EVENT POLYFAB IS FOUND TO BE LIABLE FOR ANY DAMAGE OR LOSS RELATED TO THE FABRIC, SUCH LIABILITY SHALL BE LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE FABRIC.

**Claims Procedure**

All claims under this limited warranty must be made in writing, within 30 days from the date upon which the defect became known to the initial purchaser, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof of purchase, including the date and location of fabric purchase, and photos of the finished installation.

**POLYFAB AUSTRALIA Pty. Ltd.**

Comtex® and Polytex® are registered trademarks of Polyfab USA LLC.



## Cooley-Brite® / Cooley-Brite® Lite

### 8-Year

#### 8-Year Limited Warranty\*

Cooley Sign & Digital Products (CSDP) warrants to its customer, an electrical sign company engaged in fabricating and furnishing signs to various businesses, that standard colors of COOLEY- BRITE® and COOLEY-BRITE® LITE, when used as components for internally illuminated (90° vertical exposure application) displays will not fade excessively or undergo excessive color degradation or mildew staining to the extent that the sign becomes ineffective for its intended advertising or identification purpose when viewed at normal distance for a period of eight (8) years. If the material does not perform under the above conditions, (CSDP) will supply to the sign company sufficient materials to produce a new duplicate face at the then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight-year period of use.

If the sign face is properly installed and maintained, and within the first eight (8) years from the date of purchase of materials, said face should be destroyed or severely damaged by a "blowout" (defined as a separation of a sign face from its cabinet due to wind pressure which does not affect the display cabinet or structure), and when such "blowout" is caused solely and completely by failure of CSDP sign face materials, and not in whole or part by improper workmanship, installation, materials, nor bending or twisting of the display cabinet, attachment devices, or structure, nor to the vandalism or malicious mischief, hurricanes, tornadoes, gales or other acts of God, CSDP will furnish to the sign company sufficient materials to produce a new duplicate face at then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight-year period of use.

Cooley Sign & Digital Products further warrants that approved pressure sensitive vinyl\* when applied to COOLEY- BRITE® and COOLEY-BRITE® LITE, will not peel off under normal weathering conditions for a period of eight years. If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Digital Products will supply new materials to restore the sign at then current prices and will grant an allowance 1/60th of the original purchase price for each month remaining in the initial eight year period of use.

The foregoing is not applicable to sign faces which have been damaged by chemicals, airborne particle or dirt, bird droppings, or water run-off, nor to the sign faces damaged by willful neglect or negligent mishandling, nor to sign faces which excessively fade or discolor due to use of non-recommended decorating techniques.

CSDP's liability under the warranty is limited to replacement as stated herein and CSDP will have no liability for any indirect or consequential expenses or losses. No replacement will be made for any sign face which has been in use for more than the initial eight-year period.

This warranty is given in lieu of all other warranties expressed or implied and constitutes CSDP's sole eight (8) year warranty for COOLEY- BRITE® and COOLEY-BRITE® LITE, for sign usage.

#### COOLEY-BRITE® AND COOLEY-BRITE® LITE FOR BACKLIT AWNINGS

Cooley Sign & Digital Products (CSDP) warrants to its customers that standard colors of COOLEY- BRITE® and COOLEY-BRITE® LITE when used in a backlit awning application, and when fabricated, installed and maintained according to instructions, will not fade excessively or undergo excessive color degradation or mildew staining to the extent that the awning becomes ineffective for its intended advertising or identification purpose when viewed at a normal distance for a period of eight (8) years. If the material does not perform under the above conditions, CSDP will supply to the awning company sufficient COOLEY- BRITE® and COOLEY-BRITE® LITE material to produce a new duplicate awning at the

then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight year period of use.

Cooley Sign & Digital Products further warrants that approved pressure sensitive vinyl when applied to COOLEY- BRITE® and COOLEY-BRITE® LITE will not peel off under normal weathering conditions for a period of five years. If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Digital Products will supply new material to restore the awning at the then current prices and will grant an allowance equal to 1/60th of the original purchase price of each month remaining in the initial five year period of use.

The foregoing is not applicable to awnings which have been damaged by chemicals, airborne particles or dirt, bird droppings, or water run-off, nor to awnings damaged by willful neglect or negligent mishandling, nor to awnings which excessively fade or discolor due to use of non-recommended decorating techniques. CSDP's, liability under the warranty is limited to replacement as stated herein and CSDP will have no liability for any indirect or consequential expenses or losses. No replacement will be made for any awning which has been in use for more than the initial five year period.

This warranty is given in lieu of all other warranties expressed or implied and constitutes CSDP's sole eight (8) year warranty for COOLEY- BRITE® and COOLEY-BRITE® LITE when used for backlit awnings.

*\* 8-year warranty period begins with the date of the fabrication, but it will not extend more than 8 1/2 years from the date of manufacture by CSDP. Shelf-life is 2 years from date of manufacture by CSDP*

**Cooley Sign & Awning Products**  
Cooley-Brite® is a registered trademark of Cooley, Inc.

## Cooley-Brite® II with Coolthane® EPS

### 10-Year

#### 10-Year Limited Warranty\*

Cooley Sign & Digital Products (CSDP) warrants to its customer, an electrical sign company engaged in fabricating and furnishing signs and awnings to various businesses, that COOLEY BRITE® II when coated at the factory, with EPS clear protective top coating and used as components of internally illuminated displays will not fade excessively or undergo excessive color degradation to the extent that the display becomes ineffective for its intended advertising or identification purpose when viewed at a normal distance of 50 ft. for a period of 10 years.

CSDP warrants that COOLEY BRITE® II when coated at the factory with EPS clear protective top coating will remain cleanable when using CSDP's cleaning products or approved equivalents with approved cleaning techniques.

Any eradicated areas of COOLEY BRITE® II must be re- sprayed with COOLTHANE® spray or other approved decorating methods.

If the material fades or undergoes excessive color degradation as described above, CSDP will supply to the sign or awning company sufficient COOLEY BRITE® II material to produce a new duplicate sign or awning at the then current price and will grant an allowance equal to 1/96th of the original purchase price for each month remaining in the 10-year period of use.

The foregoing is not applicable to sign faces or awnings, which have been damaged by chemicals, neglect or mishandling, nor to signs or awnings which excessively fade or discolor due to use of non-recommended decorating or cleaning techniques.

CSDP's liability under warranty is limited to replacement as stated herein and CSDP will have no liability for any incidental or consequential losses or expenses. No replacement will be made for any sign or awning, which has been in use for more than the 10-year period.

CSDP will have no obligation under this warranty until all bills for material have been paid in full. During the term of this warranty, CSDP employees or agents shall have free access to the signs and awnings during regular business hours.

THIS WARRANTY IS GIVEN IN LIEU OF ALL WARRANTIES EXPRESS OR IMPLIED AND CONSTITUTES CSPD'S SOLE TEN (10) YEAR WARRANTY FOR COOLEY BRITE II WHEN USED IN BACKLIT SIGNS OR AWNINGS.

THERE IS NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY EXPRESS OR IMPLIED OTHER THAN AS SET FORTH IN THIS WARRANTY. IN ADDITION, THERE ARE NO REMEDIES AVAILABLE OTHER THAN THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY.

\* 10-year warranty period begins with the date of the fabrication, but it will not extend more than 10 1/2 years from the date of manufacture by CSDP. Shelf-life is 2 years from date of manufacture by CSDP

**Cooley Sign & Awning Products**  
Cooley-Brite® and Coolthane® are registered trademarks of Cooley, Inc.

## Covershade™ Agricultural Mesh

### 10-Year Limited Warranty

LIMITED WARRANTY FOR COVERSHADE™

**COVERSHADE™** ("fabric") is a high quality knitted monofilament shade cloth designed for industrial, agricultural, construction and trucking covers and shades.

#### Limited Warranty

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser of the fabric that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 10 years from the date of installation. The term abnormal deterioration means deterioration exceeding 10% of the fabric's original strength for each year over the 10-year warranty period, and does not include normal wear and tear. If the fabric does suffer from abnormal deterioration during the 10-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric, or pay to the initial purchaser the cost of replacing the fabric or of acquiring equivalent fabric on the following pro-rata basis:

- 1st year 100% of the original fabric purchase price
- 2nd year 90% of the original fabric purchase price
- 3rd year 80% of the original fabric purchase price
- 4th year 70% of the original fabric purchase price
- 5th year 60% of the original fabric purchase price
- 6th year 50% of the original fabric purchase price
- 7th year 40% of the original fabric purchase price
- 8th year 30% of the original fabric purchase price
- 9th year 20% of the original fabric purchase price
- 10th year 10% of the original fabric purchase price

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABILITY. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT OR FURNISH

THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

#### Exclusions and Product Disclaimers

This limited warranty does not cover, and Polyfab is not liable for, abnormal deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading. Color fading is normal over time. Fabric colors containing red or yellow pigments have a tendency to fade more than others. Color Fading is not abnormal deterioration or a loss of strength/breakdown and is not covered by this warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.
- During installation, Polyfab shade cloth should not be subject to "pre-stressed" loading in excess of 20%.
- Wind flap and storm damages are major causes of abnormal deterioration and premature breakdown in any quality outdoor fabric. It is therefore critical that the fabric be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage on structural poles and support wires is mechanical breakdown and not covered by this warranty.
- The fabric should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.
- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%.

#### Limitation of Liability

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. EXCEPT AS OTHERWISE PROVIDED FOR HEREIN, POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS OR OTHER COMMERCIAL LOSSES, INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY. IN THE EVENT POLYFAB IS FOUND TO BE LIABLE FOR ANY DAMAGE OR LOSS RELATED TO THE FABRIC, SUCH LIABILITY SHALL BE LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE FABRIC.

#### Claims Procedure

All claims under this limited warranty must be made in writing, within 30 days from the date upon which the defect became known to the initial purchaser, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof of purchase, including the date and location of fabric purchase, and photos of the finished installation.

**POLYFAB AUSTRALIA Pty. Ltd.**  
Covershade™ is a trademark of Polyfab USA.

## Dickson® North American Collection

### 10-Year

#### LIMITED WARRANTY TERMS & CONDITIONS

#### DICKSON NORTH AMERICAN COLLECTION 10-YEAR LIMITED WARRANTY

Dickson warrants the rot-proof properties and color fastness (7/8 minimum color fastness under exposure to ultra-violet rays and bad weather conditions, according to the NF EN ISO 105 B02 and NF EN ISO 105 B04 standards) of its

DICKSON NORTH AMERICAN COLLECTION fabrics for 10 years (starting from the date on which the awning is purchased).

#### This warranty is valid under the following terms and conditions:

- For 8 years, Dickson shall either replace free of charge or, at its convenience, reimburse the invoice value of the section of fabric recognized as faulty, excluding any costs or any other compensation for any reason whatsoever.
- In the event of a justified complaint after the 8th year, the warranty will consist of a discount on the purchase of a new fabric: 30% during the 9th year and 15% during the 10th year, at the rate applicable on the day of the complaint.
- Any complaint must be sent within ten days of the defect being noticed, accompanied by the purchase invoice, via registered mail with confirmation of receipt to: Dickson – Customer Service – BP 109 – 59443 Wasquehal Cedex France.
- The fabric must be kept available to the experts of Dickson or its insurance company.
- Replacement or reimbursement of the defective fabric does not extend the duration of the original warranty.

#### This warranty does not cover:

- The benefits not performed by Dickson: sewing of the fabric, etc.
- Parts of the awning other than the fabric manufactured by Dickson: valance, frame, etc.
- Imperfections such as mottling, waffling, folds, etc. due to handling during preparation of the awning or its installation
- Defects due to the aging and normal wear of the fabric
- The consequences of the conditions of installation, the environment or the use not corresponding to the normal conditions, uses of the profession, standards prescribed by Dickson or the destined use of the fabric
- The repair of damage or defects in the fabric resulting from accidents or negligence not attributable to Dickson or resulting from force majeure.

#### Expressly excluded in particular is any deterioration due to:

- Faulty maintenance or the use of unsuitable products or instruments: no detergent, chemical product or solvent can be used, nor any scraper or other instrument that may damage the surface
- Lightning or other unusual weather conditions
- Atmospheric or phytosanitary pollution
- Soiling caused by animals
- Faulty assembly or handling by the user, the projection of various products, hanging objects on the fabric, falling objects, bumps, road accidents, vandalism, burns from cigarettes or other sources, fire.

This limited warranty shall under no circumstances pose an obstacle to the legal guarantees.

#### Dickson

Dickson® is a registered trademark of Glen Raven, Inc.

## FIREISIST®

### 5-Year

**This limited warranty is valid only if a copy of the invoice for the item purchased is submitted showing the date of original purchase.**

**What is covered?** This limited warranty covers the fabric becoming unserviceable because of loss of color or strength from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Consumer is responsible for normal care and cleaning of the fabric. This warranty covers fabric only. Glen Raven's liability is expressly limited to this warranty.

**How long is the coverage period?** FIREISIST limited warranty coverage runs for five years (60 months) from the date of original installation.

**What will Glen Raven do?** Glen Raven will grant an allowance equal to 1/60th the original purchase price for each month remaining in the five year warranty period towards the purchase of all fabric required to produce a new duplicate awning.

**How can you get service?** Call the dealer or retailer from whom you purchased the product, to inspect the claim. They, in turn, will contact the manufacturer of the item purchased. The manufacturer will then contact Glen Raven and secure replacement fabric for you.

#### Glen Raven Custom Fabrics, LLC

FIREISIST® is a registered trademark of Glen Raven, Inc.

## FR Comshade®

### 10-Year Limited Warranty

#### LIMITED WARRANTY FOR FR COMSHADE®

**FR COMSHADE® PREMIUM FLAME RETARDANT KNITTED SHADECLOTH** ("fabric") is a fabric designed for use in shade structures and shade sails.

#### Limited Warranty

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser of the fabric that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 10 years from the date of installation. The term abnormal deterioration means (i) deterioration exceeding 5% of the fabric's original tensile and tear strength (both in warp and weft direction) caused by ultra violet radiation and the chemical processes that ultra violet radiation initiates in the plastics and the additives alone for each year over the 10-year warranty period, and does not include normal wear and tear, or (ii) the fabric has mechanically failed during the actual application in the shading environment intended for such fabric. The maximum working load of the fabric should not exceed 60% of the break strength in both warp and weft directions. If the fabric does suffer from abnormal deterioration during the 10-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric, or pay to the initial purchaser the cost of replacing the fabric or of acquiring equivalent fabric on the following pro-rata basis:

1-5 years 100% of the original fabric purchase price

5-7 years 50% of the original fabric purchase price

7-10 years 25% of the original fabric purchase price

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT

OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

#### **Exclusions and Product Disclaimers**

This limited warranty does not cover, and Polyfab is not liable for, abnormal deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading. Color fading is normal over time. Fabric colors containing red or yellow pigments have a tendency to fade more than others. Color Fading is not abnormal deterioration or a loss of strength/breakdown and is not covered by this warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.
- During installation, the fabric should not be subject to "pre-stressed" loading in excess of 20%.
- Wind flap and storm damages are major causes of abnormal deterioration and premature breakdown in any quality outdoor fabric. It is therefore critical that the fabric be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage on structural poles and support wires is mechanical breakdown and not covered by this warranty.
- The fabric should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.
- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%. Limitation of Liability

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. EXCEPT AS OTHERWISE PROVIDED FOR HEREIN, POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS OR OTHER COMMERCIAL LOSSES, INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY. IN THE EVENT POLYFAB IS FOUND TO BE LIABLE FOR ANY DAMAGE OR LOSS RELATED TO THE FABRIC, SUCH LIABILITY SHALL BE LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE FABRIC.

#### **Claims Procedure**

All claims under this limited warranty must be made in writing, within 30 days from the date upon which the defect became known to the initial purchaser, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof of purchase, including the date and location of fabric purchase, and photos of the finished installation.

#### **POLYFAB AUSTRALIA Pty. Ltd.**

Comshade® is a registered trademark of Polyfab USA LLC

## HarborTime® Edge

### 7-Year

HarborTime® Edge is warranted for a period of seven years (7) from the date of the installation in a marine cover, top or enclosure end uses. The warranty protects the end user from excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover seam leakage, damage from Acts of God, vandalism, neglect or improper cleaning and improper use. Please see your Trivantage®, LLC representative for cleaning instructions.

In the unlikely event of fabric failure during the warranty period Graniteville Specialty Fabrics will supply the end product fabricator or Trivantage, LLC new fabric free of charge equal to the fabric used in the end use item. Labor, installation and other component part costs of the end use item are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

**Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

#### **Graniteville Specialty Fabrics**

HarborTime® is a registered trademark of Glen Raven, Inc.

## Herculite Natura®

### 8-Year

#### **8-Year Limited Warranty**

Herculite® Natura™ Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere).

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, Herculite Products Inc. will guarantee 100% replacement of the fabric to the original owner of the awning for the first five (5) years. Coverage is prorated for the three (3) year remainder of the warranty with a credit of 1/96th being applied toward the purchase of replacement material for each month remaining on the warranty. Herculite's liability will be limited to the replacement of the fabric only and does not cover labor, installation or decorations.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use. This warranty requires that the user implement proper care and maintenance as defined within Natura, Handling and Maintenance Instructions.



## FABRIC WARRANTY INFORMATION

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

### **Herculite Natura® Products Inc.**

Herculite Natura® is a registered trademark of Herculite Products Inc.

## Hydrofend®

### **5-Year / 3-Year Deep Maroon and Radiant Red**

This limited warranty covers the fabric becoming unserviceable because of loss of color or strength from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. This limited warranty coverage runs for 5 years\* from the date of original installation. Consumer is responsible for normal care and cleaning of the fabric. The warranty covers fabric only and not improper installation. We will supply new fabric to replace the fabric that becomes unserviceable. The liability of Trivantage® or its affiliates is expressly limited to this warranty.

To make a claim, contact the fabricator from whom you purchased the product for an inspection. The fabricator will contact Trivantage to secure replacement fabric.

**Hydrofend is a registered trademark of Glen Raven, Inc.**  
Trivantage, LLC

## Main Street® +

### **5-Year**

#### **Limited Warranty**

Main Street®+ is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

**Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

### **Graniteville Specialty Fabrics**

Main Street®+ is a registered trademark of Glen Raven, Inc.

## Nautolex® Capitano Marine Vinyl Upholstery, SofDura and Voyager®

### **5-Year**

### **Marine Upholstery Products for OEM**

#### **Limited Five Year Warranty**

Subject to the limitations and conditions described below, OMNOVA Solutions Inc. warrants to its customers who are manufacturers of boats, seats or trim component parts ("Customers") that OMNOVA will replace Nautolex® marine upholstery products, topping and trim ("Product") if they fail during normal use due to defects in materials or workmanship during the period of five years from a Customer's retail sale of a boat, seat or completed trim component part containing product.

During the first three (3) years of this warranty, OMNOVA will replace defective Product and pay competitive labor rates for reupholstery of the seat and/or trim, with a limit of twenty dollars per linear yard of Product. During the fourth and fifth years, OMNOVA will supply replacement product, but will not pay for labor or other costs. THE REMEDY DESCRIBED IN THIS PARAGRAPH IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN NAUTOLEX PRODUCTS. IN NO EVENT SHALL OMNOVA HAVE ANY LIABILITY FOR ANY LOST PROFITS OR INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES, EVEN IF OMNOVA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INCLUDING BUT NOT LIMITED TO ANY DAMAGES ARISING FROM OR RELATING TO ANY INJURY TO PERSONS; LOSS OF VALUE OR USE (INCLUDING WITHOUT LIMITATION, DIMINUTION IN VALUE); DAMAGE TO OR LOSS OF OTHER PROPERTY; CLAIMS MADE BY END-USERS; OR COST OF SUBSTITUTE MATERIALS.

This warranty specifically excludes (a) staining resulting from mildew growth on adjacent boat components, bleeding from adjacent boat components or contact with suntan lotion; (b) degradation due to the presence of amines in adjacent urethane foam cushioning; (c) damage caused by improper installation or failure of the seat and/or trim parts; and (d) deterioration due to the use of improper cleaning materials or procedures.

OMNOVA MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

### **OMNOVA Solutions, Inc.**

Nautolex® and Voyager® are registered trademarks of OMNOVA Solutions, Inc.

## Nautolex® Marine Flooring

### **2-Year Limited**

#### **3-Year Limited Warranty**

Subject to the limitations and conditions described below, OMNOVA

Solutions Inc. warrants to its customers who are manufacturers of boats ("Customers") that OMNOVA will replace Nautolex® marine flooring products ("Product") if such products fail during normal use due to defects in materials or workmanship during the period of thirty six (36) months from the first retail sale of a boat containing such flooring as original equipment. This warranty extends only to customers who are manufacturers of boats.

If Product fails to meet this warranty, OMNOVA will replace defective

Product and pay competitive labor rates for re-installation of the Product, with a limit of twenty dollars per linear yard of Product. THE REMEDY DESCRIBED IN THIS PARAGRAPH IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN NAUTOLEX PRODUCTS. Under no circumstances shall OMNOVA be liable for incidental or consequential damages.

This warranty specifically excludes (a) damage caused by abrasive elements; (b) damage caused by improper installation; (c) damage or deterioration due to the use of improper cleaning materials or procedures; and (d) damage caused by adhesives.

**OMNOVA MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.**

**OMNOVA Solutions, Inc.**  
Nautulex® is a registered trademark of OMNOVA Solutions Inc.

## O'Sullivan® Films (O'Sea®, Regalite®, Regalite® Fenestra)

### 2-Year Limited

O'Sullivan Films provides a limited warranty on its O'Sea® and Regalite® press polished products as follows:

- O'Sullivan Films will replace, at no charge, any sheet found to be defective upon inspection or during fabrication, provided that any sheet requested to be replaced is returned, whether cut or not. Defective sheets are those that do not meet the quality criteria defined by O'Sullivan Films. It is expected each sheet is inspected by the Fabricator prior to use.
- Products found to be out of compliance according to the criteria established by O'Sullivan will be replaced, upon inspection and agreement that performance and/or appearance of the sheets is not consistent with the quality specification established by O'Sullivan and accepted by the user. Cases will be considered on an individual basis. It will be at the discretion of O'Sullivan Films as to whether the sheet in question is warrantable.
- The Warranty period is Twenty-four months from the date of installation. To make a warranty claim the user of the press polished sheet must provide substantiation in the form of skid and drum number of the sheet submitted for a warranty claim.
- To properly clean and maintain your Continental Press Polished products we approve and recommend CLEAN, PROTECT, PRESERVE according to the manufacturer's instructions. These products are available through your Continental provider or various retail outlets. Neglect or use of non-authorized cleaners may damage the Continental Press Polish and void the warranty.

This limited warranty does not apply to any press polished sheet products from which:

- Adequate identification, proof of purchase of date of manufacture is not available
- Is defective as a result of accident, misuse or abuse;
- Conforms to O'Sullivan Films specifications.
- Is used or fabricated in a way inconsistent with the intended use of press polished sheets.
- Is used or fabricated in a way inconsistent with the Care and Handling provided by O'Sullivan and maintained by O'Sullivan. This includes but is not limited to handling and stacking of sheets, exposure to certain liquids and chemicals, and use of cleaners other than Clean, Protect, Preserve.
- Becomes defective as a result of failure(s) of related equipment, parts or products for which O'Sullivan Films is not responsible.
- As a result of use in an environment for which the product was not designed.

Under no circumstances, at any time, will O'Sullivan Films be held liable for labor or additional costs other than the vinyl itself.

O'Sullivan®, O'Sea® and Regalite® are registered trademarks of O'Sullivan Films

## Patio 500®

### 5-Year (excluding pattern 513 Clear)

#### Limited Warranty

Patio 500 Awning Fabrics are warranted for a period of five (5) years from date of original installation against rot or excessive deterioration, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

**Herculite Products Inc.**  
Patio 500® is a registered trademark of Herculite Products Inc.

## Phifertex®

### 3-Year

#### Limited Warranty

**What Is Covered?** This warranty covers the fabric becoming non-functional because of loss of dimensional stability from exposure conditions including sunlight, mildew, rot and normal atmospheric conditions. Abnormal or excessive discoloration and fading is covered. It does not cover discoloration from atmospheric pollution or other debris.

**How Long Is The Coverage Period?** The warranty coverage runs for 3 years from the date of purchase.

**What Will Phifer Do?** Phifer Incorporated will provide new fabric, free, to replace the non-functioning fabric. This warranty does not cover the cost of labor or other consequential or incidental expenses.

**How Can You Get Service?** Contact the merchant from whom you purchased the product. The merchant will contact Phifer.

**Phifer Inc.**  
Phifertex® is a registered trademark of Phifer Inc.

# Polytex®+

## 12-Year Against UV Degradation

**POLYTEX+® and COMTEX+® EXTRA HEAVY DUTY KNITTED SHADECLOTH** (“fabric”) are premium fabrics designed for use in shade structures and shade sails.

### Limited Warranty

Polyfab USA LLC (“Polyfab”) warrants to the initial purchaser of the fabric that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 12 years from the date of installation. The term abnormal deterioration means (i) deterioration exceeding 5% of the fabric’s original tensile and tear strength (both in warp and weft direction) caused by ultra violet radiation and the chemical processes that ultra violet radiation initiates in the plastics and the additives alone for each year over the 12-year warranty period, and does not include normal wear and tear, or (ii) the fabric has mechanically failed during the actual application in the shading environment intended for such fabric. The maximum working load of the fabric should not exceed 60% of the break strength in both warp and weft directions. If the fabric does suffer from abnormal deterioration during the 12-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric.

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB’S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

### Exclusions and Product Disclaimers

This limited warranty does not cover, and Polyfab is not liable for, abnormal deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading. Color fading is normal over time. Fabric colors containing red or yellow pigments have a tendency to fade more than others. Color Fading is not abnormal deterioration or a loss of strength/breakdown and is not covered by this warranty.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.
- During installation, the fabric should not be subject to “pre-stressed” loading in excess of 20%.
- Wind flap and storm damages are major causes of abnormal deterioration and premature breakdown in any quality outdoor fabric. It is therefore critical that the fabric be installed firm and tight and maintained in a firm condition. Fabric that is allowed to flap and cause rubbing and abrasion as a result of excessive and continual wind flap or storm damage on structural poles and support wires is mechanical breakdown and not covered by this warranty.
- The fabric should be supported by using appropriate strength poles and footings as determined by a professional structural engineer, and fabricated and installed by a qualified contractor in accordance with local building codes.

- Technical testing information supplied by Polyfab is sourced from third-party testing authorities, and tolerances may vary by as much as 10%.

### Limitation of Liability

Polyfab’s obligations and liabilities are expressly and exclusively limited to those set forth herein. EXCEPT AS OTHERWISE PROVIDED FOR HEREIN, POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LABOR COSTS OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS OR OTHER COMMERCIAL LOSSES, INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY. IN THE EVENT POLYFAB IS FOUND TO BE LIABLE FOR ANY DAMAGE OR LOSS RELATED TO THE FABRIC, SUCH LIABILITY SHALL BE LIMITED TO THE ORIGINAL PURCHASE PRICE OF THE FABRIC.

### Claims Procedure

All claims under this limited warranty must be made in writing, within 30 days from the date upon which the defect became known to the initial purchaser, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof of purchase, including the date and location of fabric purchase, and photos of the finished installation.

### POLYFAB AUSTRALIA Pty. Ltd.

Comtex® and Polytex® are registered trademarks of Polyfab USA LLC.

## Saint Clair Arcade FR

### 5-Year

Product: Arcade FR  
Application: Solar Protection  
Area: North America

#### 1. Warranty

This warranty covers:

- Tensile strength with a maximum loss of not more than 30% according to the characteristics announced in the technical specifications.
- Permanent flame retardancy.
- Total waterproofness.
- Maintenance of the fabric’s flexibility under average climatic and atmospheric exposure (i.e. temperatures higher than –20 °C and lower than + 40°C).

#### 2. Exclusions:

- Defects due to design, the fabrication, the installation and the use and handling of solar protection devices, for example water retention on the fabric, excessive temperature due to insulation material applied inside the fabric, flapping in the wind due to loose tensioning of the material, excessive creasing of the material.
- Accidents occurring during handling (such as wear and tear, friction, scratches and perforations, rodent damage).
- The fabric must not be folded and stored damp.
- Degradation due to aggressive cleaning resulting from either the cleaning process itself or the use of detergents or any alkaline product.
- External chemical attacks: such as high atmospheric pollution, aggressive detergents or detergent migration, animal deposits.
- Formation of localised spots which do not generate a large and uniform change of color throughout the whole panel width.
- Lack of cleaning and maintenance
- Acts of God, wilful or negligent acts.

- The claim has to be report by registered letter with acknowledgement at the company DICKSON COATINGS within 8 days from the date of the ascertainment. This claim has to mention the invoice number and the batch number(s) of the roll(s). The fabric has to be available for our expert or our insurance.
- The aging of the product being very different from the conditions of exposure to external elements, temperature, humidity, UV, pollution. As UV light is one of the main factors causing degradation, this guarantee is only valid for a maximum exposure of 160kLy / year

2. Exclusions:

- Defects due to design, the fabrication, the installation and the use and handling of solar protection devices, for example water retention on the fabric, excessive temperature due to insulation material applied inside the fabric, flapping in the wind due to loose tensioning of the material, excessive creasing of the material.
- Accidents occurring during handling (such as wear and tear, friction, scratches and perforations, rodent damage).
- The fabric must not be folded and stored damp.
- Degradation due to aggressive cleaning resulting from either the cleaning process itself or the use of detergents or any alkaline product.
- External chemical attacks: such as high atmospheric pollution, aggressive detergents or detergent migration, animal deposits.
- Formation of localised spots which do not generate a large and uniform change of color throughout the whole panel width.
- Lack of cleaning and maintenance
- Acts of God, wilful or negligent acts.

3. Conditions of warranty application:

- Declaration by registered letter with acknowledgment or receipt within 30 days maximum after defect appearance, addressed to SAINT CLAIR TEXTILES
- Fabric batch numbers must be clearly identified.
- Date of the beginning of the warranty: delivery date of the fabric.
- Warranty application:
- According to the warranties stated in paragraph 1 and under the restriction conditions stated in paragraph 2, we only cover the replacement cost of the defective part of fabric, depreciation deducted, excluding all charges and all other compensation.

- Declaration by registered letter with acknowledgement or receipt within 30 days maximum after defect appearance, addressed to SAINT CLAIR TEXTILES
- Fabric batch numbers must be clearly identified.
- Date of the beginning of the warranty: delivery date of the fabric.
- Warranty application:

According to the warranties stated in paragraph 1 and under the restriction conditions stated in paragraph 2, we only cover the replacement cost of the defective part of fabric, depreciation deducted, excluding all charges and all other compensation.

Obsolescence	% Reimbursement of fabric cost
Year 1	100%
Year 2	90%
Year 3	80%
Year 4	70%
Year 5	60%

And minus 10 % each following year

Saint Clair Textiles

3. Conditions of warranty application:

Obsolescence	% Reimbursement of fabric cost
Year 1	100%
Year 2	80%
Year 3	60%
Year 4	40%
Year 5	20%

4. Limitation of Liability:

- The terms and provisions of this Limited Warranty shall be governed by, construed under and enforced in accordance with, the laws of France, without regard to Uniform United Nations Conventions.

Valid from the 01-10-2020

Saint Clair Textiles

# Saint Clair LAC 650 SL

**10-Year**

Product: LAC 650 SL  
 Application: Solar Protection  
 Area: USA

1. Warranty. This warranty covers:

- Tensile strength with a maximum loss of not more than 30% according to the characteristics announced in the technical specifications.
- Permanent flame retardancy.
- Total waterproofness.
- Maintenance of the fabric's flexibility under average climatic and atmospheric exposure (i.e. temperatures higher than -20 °C and lower than + 40°C).



## Sea-Spraé®

### 3-Year

Sea-Spraé, a registered trademark of Glen Raven, Inc, is warranted for a period of three years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

**Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

#### Graniteville Specialty Fabrics

Sea-Spraé® is a registered trademark of Glen Raven, Inc.

## Serge Ferrari Soltis®

### 10-Year

#### 10-year Limited Warranty

SOLTIS Membranes – Solar Protection

Manufactured according to the Serge FERRARI Précontraint Technology and benefiting from the ISO 9002 Quality Assurance system, SOLTIS sun protection membranes come with a limited 10 year warranty. This document details the terms, conditions and modalities for the implementation of the warranty provided by Serge FERRARI for the products, provided always that the object of the warranty is specific to each product and appears in the relevant Technical Data Sheet.

#### 1. Limited Warranties

Serge FERRARI warrants that the product shall, at the time of delivery at FERRARI's plant of manufacture, meet all technical specifications stated in the published FERRARI data sheets. Serge FERRARI warrants the sustainability & functionality of SOLTIS membranes during normal atmospheric conditions. Serge FERRARI further warrants that the SOLTIS membranes will not become non-functional due to loss of dimensional stability from exposure to sunlight or other normal atmospheric conditions.

#### 3. Exclusions

This Limited Warranty does NOT cover:

- Mechanical or aesthetic changes that do not impact the functionality of the membrane;
- Any defect or damage resulting from transportation, storage and handling conditions;

- Any defect or damage resulting from improper assembly and/or use in inappropriate conditions, including under the action of strong winds, storms or other abnormal or excessive atmospheric conditions;
- Gradual fading and/or discoloration from atmospheric pollution, mold or other debris;
- Any defect or damage caused by exposure to chemicals or abrasives arising from unsuitable cleaning, inappropriate use or weathering phenomenon, or other misuse of the product; and
- Labor costs, including costs resulting from the disassembling, reassembling and transportation operations.

#### 3. Limited Warranty application conditions

This limited warranty takes effect on the day of delivery of the SOLTIS membrane from our warehouse. If Serge FERRARI determines that the membrane failed because of a covered defect, Serge FERRARI will, at its sole discretion, replace the membrane or provide a refund at the following rates pursuant to the following schedule:

Within 1 year → 100% of the material price

From year 2 to year 10 → 10% less than material price per year of material, from date of purchase to date of warranty claim

#### 4. Making a warranty claim

The right to warranty only applies if the covered defect is reported by registered letter with acknowledgement of the receipt to Serge FERRARI Customer Service, 504 Hillsboro Technology Drive, Deerfield Beach, FL 33441 within a maximum time period of 30 calendar days of the defect's occurrence. Warranty coverage only applies to products for which Serge FERRARI has received full payment.

#### Limitation of Liability

EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY, SERGE FERRARI MAKES NO WARRANTY, EXPRESS OR IMPLIED, TO ANYONE AS TO FITNESS FOR ANY PURPOSE, MERCHANTABILITY, DESIGN, CONDITION, CAPACITY, PERFORMANCE, OR ANY OTHER ASPECT OF THE PRODUCT OR ITS MATERIAL OR WORKMANSHIP. ALL IMPLIED WARRANTIES WHICH MAY EXIST, NOTWITHSTANDING THIS DISCLAIMER, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. THIS LIMITED WARRANTY IS MADE IN LIEU OF ALL OTHER GUARANTEES, WARRANTIES, REPRESENTATIONS, CONDITIONS, OBLIGATIONS, OR LIABILITIES, EXPRESS OR IMPLIED.

SERGE FERRARI SHALL NOT BE LIABLE, EITHER IN CONTRACT OR TORT, FOR ANY DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR ANY LOSS, DAMAGE, OR INJURY TO PERSONS, INCLUDING DEATH, PROPERTY, OR THINGS, OR FOR DAMAGES OF ANY KIND OR NATURE INCLUDING BUSINESS INTERRUPTION, INCONVENIENCE OR LOSS OF ANTICIPATED PROFITS OR SAVINGS OCCASIONED BY OR ARISING OUT OF THE USE, MISUSE, NONUSE, REPAIR, REPLACEMENT OR DELAY IN DELIVERY OF THE PRODUCT. SERGE FERRARI SHALL NOT BE LIABLE FOR THE COST OF ANY WORK DONE BY PURCHASER OR OTHERS TO THE PRODUCT.

This Limited Warranty gives specific legal rights. Some jurisdictions do not allow the exclusion or limitation of implied warranties or incidental or consequential damages. In such jurisdictions, the limitations or exclusions do not apply to the purchaser. The purchaser may also have other rights that may vary by jurisdiction

Date of Validity : October 2021

#### Serge Ferrari SAS

Soltis® is a registered trademark of The Serge Ferrari Group.

# Serge Ferrari Stamoid® Fabrics

## WARRANTIES / GENERAL (extracts for GTS)

### Article 10. Warranty - Responsibility

**10.1.** The Purchaser shall be responsible for informing Serge Ferrari of the Product characteristics it seeks and shall obtain the necessary commercial and technical information. The Purchaser shall therefore be fully aware of the Products it is purchasing and recognizes having been able to obtain information regarding the products ordered. In particular, the Purchaser is solely responsible for selecting the Product installation location.

**10.2.** The Purchaser shall also be responsible for Product implementation and installation in compliance with best practices and safety regulations applicable in the destination country.

**10.3.** Certain products marked by Serge Ferrari are covered by a contractual warranty.

The Purchaser shall be responsible for referring to the terms of the contractual warranty for the Product supplied, as requested, with regard to the terms of the applicable warranty (period, commencement, tear strength, fire resistance qualities, waterproofing qualities, percentage of costs covered, warranty exclusions, etc.)

**10.4.** Additionally, any applicable warranty for Products purchased and resold by Serge Ferrari shall be the warranty issued by the manufacturer of such Products commercialized by Serge Ferrari.

**10.5.** In all cases in which warranty documents exist, they shall clearly include a list of exclusions to their application. Contractual warranties related to the Products shall never apply, if one of the items described in the list of exclusions is effective at the time of damage.

By common agreement, the parties recognize that Serge Ferrari can, under no circumstances, be held liable to compensate any indirect consequences that the Purchaser may have sustained (e.g. loss of production, loss of customers, commercial damage, damage to image, loss of data, etc.)

Moreover, in its relations with the Purchaser, the liability of Serge Ferrari shall not exceed the sum paid by the Purchaser in fulfillment of its obligations.

Serge Ferrari shall duly fulfill its responsibilities by restoring the conformity or replacing a Product, which is defective or non-compliant with the contract specification.

## WARRANTIES / SPECIAL POINTS

1. Membranes are covered by the warranties detailed in their relevant technical datasheet. The warranty period depends on the Product itself and on the relevant contract. The warranty covers a list of no more than 5 technical criteria:

- Conformity: material delivered in compliance with technical datasheets
- Strength: tensile strength with maximum allowable loss of strength during warranty period
- Color: uniform color change possible on same side and under same UV exposure
- Waterproofing performance
- Fire rating during warranty period
- Existing documents shall be read and understood

2. Certain membranes are not covered by any warranty

3. A special warranty can be elaborated on request for an additional period, an exceptional project or a special customer. In this case, a specific request shall be submitted for acceptable and recorded by our customer support department.

### Stamoid Heavy Cover / 5-year warranty



Vertical Exposure  
The face of the graphic  
± 10° from vertical.



Non-Vertical Exposure  
The face of the graphic  
is ± 45° from vertical.

### Stamoid Light / 5-year warranty

### Stamoid Open / 5-Year warranty

### Stamoid Smart 1 / 7-year warranty

### Stamoid Top / 5-year warranty

### The Serge Ferrari Group.

Stamoid® is a registered trademark of The Serge Ferrari Group.

# SheerWeave® Exterior

## 5-Year Exterior

### Extended Limited Warranty

**What is Covered?** This warranty covers all colors of SheerWeave® Styles 1000, 2000, 2100, 2390, 2360, 2410, 2500, 2701, 2703, 2705, 2710, 3000, 4000, 4100, 4400, 4500, 4600, 4550, 4650, 4800 and 5000 when properly handled and installed for normal use in exterior systems. Phifer guarantees that, when delivered to our customer, Phifer SheerWeave will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that Phifer SheerWeave will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to screen from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of Phifer SheerWeave may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

The Phifer SheerWeave mentioned above is covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated screen appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

**How Long Is The Coverage Period?** The warranty against changes in physical properties is valid for a period of five (5) years.

**What Will Phifer Do?** Any Phifer SheerWeave found to be defective will be replaced, free of charge, with an equal quantity of Phifer SheerWeave fabric.

**THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF PHIFER SHEERWEAVE.**

## FABRIC WARRANTY INFORMATION

**THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SHEERWEAVE. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.**

### Phifer Inc.

SheerWeave® is a registered trademark of Phifer Inc.

## SheerWeave® Interior

### 10-Year Interior

#### Extended Limited Warranty

**What is Covered?** This warranty covers all styles of Phifer SheerWeave shading fabric when properly handled and installed for normal use as interior vertical window shading. Phifer guarantees that, when delivered to our customer, SheerWeave will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that SheerWeave will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to the shading fabric from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of SheerWeave may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

Any SheerWeave fabric installed as a fabricated shade is covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated shade appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

**How Long Is The Coverage Period?** The warranty against changes in physical properties is valid for a period of ten (10) years.\*

**What Will Phifer Do?** Any SheerWeave found to be defective will be replaced, free of charge, with an equal quantity of SheerWeave fabric.

**THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF SHEERWEAVE FABRIC.**

**THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SHEERWEAVE FABRIC. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.**

\*SheerWeave Infinity and Styles 7000, 7300, 7350 and 7500 carry a five (5) year warranty.

### Phifer Inc.

SheerWeave® is a registered trademark of Phifer Inc.

## Showtime® II

### 2-Year

Showtime® Event Fabrics are guaranteed for a period of two (2) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the two (2) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### Herculite Products Inc.

Showtime® and Herculite® are registered trademark of Herculite Products Inc.

## SolaMesh®

### 10-Year

SolaMesh® limited warranty: Trivantage® stands behind our fabrics with a guarantee that's designed to support our customers. SolaMesh has a 10-year limited warranty when used in its intended purposes; shade structures and similar installations.

This warranty applies to the original purchaser of SolaMesh fabric and protects against SolaMesh fabric becoming unserviceable due to strength loss from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Loss of color can occur when exposed to UV light and is not covered by the warranty.

This warranty covers SolaMesh fabric only. This warranty does not cover normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation. Glen Raven's liability is expressly limited to this warranty. Glen Raven reserves the right to inspect the fabric submitted for claim. Glen Raven will supply new equivalent fabric to replace the fabric that becomes unserviceable.

SolaMesh® is a registered trademark of Glen Raven, Inc.

## Starfire®

### 5-Year Limited Warranty

#### Starfire® Awning Fabric Limited Warranty

Starfire® Limited Warranty. We stand behind our Starfire fabric with this 5-year limited warranty from the date of installation.

This limited warranty applies to the original purchaser of Starfire fabric and protects against Starfire fabric becoming unserviceable due to excessive color loss\* or strength loss from normal usage and exposure conditions, including sunlight and atmospheric chemicals. Starfire Red (855707) color loss is specifically excluded from this warranty.

This warranty covers Starfire fabric only. This warranty does not cover acts of God, normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation. Please see the Q&A below for further details on the limited warranty coverage. Liability of Trivantage is expressly limited to this warranty. Trivantage reserves the right to inspect the fabric submitted for claim. If a warranty claim is accepted, Trivantage will supply new equivalent fabric to replace the fabric that becomes unserviceable.

\* Minimal color loss can be anticipated on most shades after constant exposure to sunlight.

**Who this warranty protects:** This warranty protects the original purchaser of Starfire fabric.

**What this warranty protects against:** This warranty protects against Starfire fabric becoming unserviceable due to color or strength loss from normal usage and exposure conditions, including normal exposure to sunlight and atmospheric chemicals.

**What this warranty covers:** This warranty covers Starfire fabric only.

**What this warranty does not cover:** This warranty does not cover normal care and cleaning; mildew, damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation.

**Limits to the warranty:** This Limited Warranty does not extend to loss of color for Starfire Red (855707), and liability of Trivantage is expressly limited to this warranty. Trivantage reserves the right to inspect the fabric submitted for claim.

**What we will do:** Trivantage will supply new equivalent fabric to replace the fabric that becomes unserviceable.

**Who to contact:** Contact your Trivantage sales or customer service representative for warranty claims.

**Who end users/consumers should contact:** Starfire is normally a component of an end-product such as an awning. Consumers and end-users should contact the fabricator, dealer or retailer from whom you purchased the end-product.

**Warranty Coverage Period:** The warranty coverage period is five (5) years from date of installation. In year one (1), Trivantage will provide new equivalent fabric equal to the amount used on the job. After on (1) year, an allowance for new equivalent fabric equal to 1/60 of the purchase price of the original fabric for each month remaining in the initial five (5) year period of the warranty coverage period.

Starfire® is a registered trademark of Glen Raven, Inc.

## Strataglass®

### 2-Year Limited Warranty

#### TWO YEAR Limited Warranty

STRATAGLASS Composite Marine Sheets are guaranteed for a period of two (2) years from the original date of manufacture against defects found upon inspection, during fabrication or during marine enclosure use.

In the unlikely event of a STRATAGLASS failure during the two (2) year period, we will supply you, the original owner or provider, with replacement STRATAGLASS marine sheets at no charge providing the following conditions are met:

1. The owner or provider must register the purchase online and obtain a Warranty Registration Number to verify proof of purchase. This Warranty Registration Number must be provided to process a warranty claim.
2. The owner or provider must properly clean and maintain the Strataglass product during use according to manufacturer's instructions.
3. The owner or provider must return defective sheets or representative samples of the defect to the manufacture for inspection, testing and warranty validation.

Warranty validation will be at the sole discretion of STRATAGLASS LLC. All warranty claims will be considered on an individual basis. This warranty does not cover labor or any additional costs associated with the replacement.

STRATAGLASS must be properly cleaned and maintained using only authorized cleaning products and methods. Care and maintenance instructions are provided on the Care and Maintenance Data Sheet or can be found on the STRATAGLASS Website: [www.strataglass.com/strataglass-care-and-maintenance](http://www.strataglass.com/strataglass-care-and-maintenance) Failure to properly clean and maintain your STRATAGLASS enclosure panels will void your warranty.

#### **YOU MUST REGISTER YOUR PURCHASE TO BE COVERED BY THIS LIMITED WARRANTY**

Please register your purchase of Strataglass within thirty (30) days of final installation by registering online at [www.strataglass.com/registration](http://www.strataglass.com/registration). You must provide proof of purchase and obtain/retain a Warranty Registration Number.

This Limited Warranty is subject to the following:

- This Limited Warranty only applies to properly maintained STRATAGLASS Marine Sheets, which have been registered online at [www.strataglass.com/](http://www.strataglass.com/) registration. Under no circumstances, at any time will STRATAGLASS be liable for labor or additional costs other than the STRATAGLASS sheet itself
- This Limited Warranty does not apply to any product or any part thereof that, in the sole judgement of STRATAGLASS LLC. have been subjected to misuse, alteration, aggressive cleaning, aggressive detergents, accidental damage to the surface, Acts of God, abused by machinery, excess wear and tear, abnormal weather conditions, exposure to harmful chemicals, falling objects, friction, explosion, fire, flood, riots, civil commotion, drones, neglect, scratches, perforations, damaged during handling or fabrication, subjected to unusual atmospheric pollution, Is used or fabricated in a manner inconsistent with recommended care and maintenance instructions of STRATAGLASS LLC. This includes but is not limited to handling and stacking of sheets, exposure to certain fluids, and chemicals or cleaners not approved by STRATAGLASS. Or becomes defective as a result of failure(s) of related products for which STRATAGLASS LLC. Is not responsible.
- This limited warranty is the exclusive warranty with respect to the products, is in lieu of, and supersedes all other representation or warranties, whether written or oral, express or implied. STRATAGLASS LLC. Expressly disclaims any implied warranties of merchantability of fitness for a particular purpose. The sole and exclusive remedies of any person relating to the products and the full liability of STRATAGLASS LLC. for any breach of this warranty are those provided in this limited warranty and user of the products hereby agrees and acknowledges that no other warranties are offered or provided in connection with or for the products or any part thereof.
- STRATAGLASS LLC. shall not be liable for any loss of profits or revenue, loss of use of equipment or facility, cost of capital or for any other special, indirect, incidental or consequential damages of any nature resulting from on in any manner relating to the products covered hereby, their design use, any inability to use the same or any delay in the delivery of the same. The sole and exclusive remedy with respect to any defective product shall be the repair, correction or replacement thereof pursuant to the forgoing provisions The terms and provisions of this Limited Warranty shall be governed by the laws of the State of Florida without regard to Uniform United Nations Conventions.
- This warranty is not transferrable.

#### **Strataglass LLC**

Strataglass® is a registered trademark of Aberdeen Road Company.

## Sunbrella®

### 5-year Limited Warranty

We stand behind our Sunbrella fabrics with the most comprehensive warranty in the industry.

#### **Sunbrella® Upholstery Fabrics**

#### **Sunbrella® Sling**

Our 5-year limited warranty makes Sunbrella the only performance fabric brand to guarantee against becoming unserviceable due to:

- Loss of color
- Loss of strength
- Abrasion
- Pilling

from normal usage and exposure conditions, including sunlight, mildew, and atmospheric chemicals when used for appropriate applications.



## FABRIC WARRANTY INFORMATION

In the rare instances where our Sunbrella fabrics do not meet the performance outlined above, Glen Raven® will resolve the issue as follows for approved claims:

**Within three years of consumer purchase or installation date:** In addition to replacing the fabric with new equivalent fabric, Glen Raven will arrange to or otherwise pay up to \$40 USD per linear yard in labor costs to replace or reupholster any impacted cushions, umbrellas, window treatments, or upholstered portions of furniture.

**After three years and until five years from date of consumer purchase:** Glen Raven will supply new equivalent fabric to replace the fabric that has become unserviceable.

This warranty does not cover normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation, except as noted in this warranty. Glen Raven's liability is expressly limited to this warranty. Glen Raven reserves the right to require proof of purchase and inspect any fabric submitted for claim. Claims requesting reimbursement for labor costs must include a detailed summary of those costs.

### Glen Raven Custom Fabrics, LLC

Sunbrella® is a registered trademark of Glen Raven, Inc.

## Sunbrella®

### 10-year Limited Warranty

We stand behind our Sunbrella fabrics with the most comprehensive warranty in the industry.

#### Sunbrella Shade and Marine Fabrics\*

##### Sunbrella Contour

Our 10-year limited warranty protects against Sunbrella® fabric becoming unserviceable due to:

- Loss of color
- Loss of strength

from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals, when used for appropriate applications.

In the rare instances where our Sunbrella fabrics do not meet the performance outlined above, Glen Raven® will resolve the issue as follows for approved claims:

**Within five years of installation/fabrication:** In addition to replacing the fabric with new equivalent fabric, Glen Raven will arrange to or otherwise pay up to \$65 USD per linear yard in labor costs to replace any installations or fabrications of Sunbrella fabric.

**After five years and until ten years from date of purchase or installation:** Glen Raven will supply new equivalent fabric to replace the fabric that has become unserviceable.

This warranty does not cover normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation, except as noted in this warranty. Glen Raven's liability is expressly limited to this warranty. Glen Raven reserves the right to require proof of purchase and inspect any fabric submitted for claim. Claims requesting reimbursement for labor costs must include a detailed summary of those costs.

\*Other than those Sunbrella Shade and Marine products specifically listed under the 5-year warranty.

### Glen Raven Custom Fabrics, LLC

Sunbrella® is a registered trademark of Glen Raven, Inc.

## Sunbrella®

### 5-year Limited Warranty

We stand behind our Sunbrella fabrics with the most comprehensive warranty in the industry.

#### Sunbrella® Clarity

#### Sunbrella® Decorative Shade

#### Sunbrella® Plus

#### Sunbrella® SeaMark

#### Sunbrella® Supreme

Our 5-year limited warranty guarantees against fabric becoming unserviceable due to:

- Loss of color
- Loss of strength

from normal usage and exposure conditions, including sunlight, mildew, and atmospheric chemicals when used for appropriate applications.

In the rare instances where our Sunbrella fabrics do not meet the performance outlined above, Glen Raven® will resolve the issue as follows for approved claims:

**Within three years of consumer purchase or installation date:** In addition to replacing the fabric with new equivalent fabric, claims may be eligible for up to \$65 USD in labor costs per linear yard.

**After three years and until five years from consumer purchase or installation date:** Glen Raven will supply new equivalent fabric to replace the fabric that has become unserviceable.

This warranty does not cover normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation, except as noted in this warranty. Glen Raven's liability is expressly limited to this warranty. Glen Raven reserves the right to require proof of purchase and inspect any fabric submitted for claim. Claims requesting reimbursement for labor costs must include a detailed summary of those costs.

### Glen Raven Custom Fabrics, LLC

Sunbrella® is a registered trademark of Glen Raven, Inc.

## Sunbrella® Horizon®

### 5-year Limited Product Warranty, 3-year Microbial Pink Staining Limited Warranty

#### 5-year Limited Product Warranty

This warranty applies to the original purchaser of Sunbrella Horizon and is subject to inspection. During the first 3 years, if Sunbrella Horizon product becomes unserviceable due to loss of strength or color from normal usage and exposure, any warranty claim may be eligible for up to \$40 USD in labor costs per linear yard in addition to replacement product.

During years 4 and 5, Sunbrella will provide replacement product only.

#### 3-year Microbial Pink Staining Limited Warranty

This warranty applies to the original purchaser of Sunbrella Horizon and is subject to inspection. During the first 3 years, if Sunbrella Horizon product becomes unserviceable due to microbial pink staining, any warranty claim

may be eligible for up to \$40 USD in labor costs per linear yard in addition to replacement product.

**Warranty Guidelines**

For warranties to go into effect, Sunbrella requires a sample of the product in question and must be given the right to inspect the product. Claims requesting reimbursement for labor costs must include a detailed summary of those costs.

Damage resulting from the following is not covered under warranty:

- Improper installation or cleaning;
- Excessive staining due to gear lubricant, ink, lipstick, motor oil, iodine, betadine, tomato-based sauces or sun lotion;
- Discoloration caused by exposure to steam
- Discoloration due to the presence of amines in adjoining foam or adhesives; or
- Normal wear and tear.

Warranties apply only to the top side of the product and do not apply to other items that may be present in an installation (e.g. foam, sewing thread, plywood, etc.).

The warranty period begins from the date an original equipment manufacturer installed the product, or the date the product was sold to an aftermarket manufacturer. Sunbrella may, in its discretion, recommend remedial methods, such as professional cleaning or repair to be done at the consumer’s expense, in lieu of replacing the product.

To get warranty service, please contact the dealer or retailer from whom the product was purchased. The original purchaser will contact the manufacturer of the item purchased who will then contact Sunbrella.

**Glen Raven Custom Fabrics, LLC**  
^Sunbrella® an Horizon® are registered trademarks of Glen Raven, Inc.

## Sunbrella® Graphics System

### 5-Year (vertical) / 3-Year (non-vertical)

WHAT IS COVERED? The SGS Thermal Film warranty covers Trivantage® SGS Thermal film (SGS Thermal Digital Print film) applied to Glen Raven acrylic fabrics\*, from loss of color, strength or adhesion of film to fabric from normal exposure conditions, including sunlight, mildew, rot and atmospheric chemicals. The warranty does not apply to printed images on the film. Graphics must be installed on a static fabric surface in order for the graphics adhesion warranty to apply. SGS Thermal films are covered up to 5 years on vertical and 3 years on for a non-vertical exposure. (See diagrams below).

**GRAPHIC EXPOSURE DEFINITIONS**

The SGS Warranty is exclusively available from Trivantage to Certified SGS Manufacturers who have purchased the film and the fabric through Trivantage. The manufacturer agrees to keep detailed records of each project for the duration of the warranty period. The SGS warranty runs from the date of original installation. Warranty claims can be initiated by calling Trivantage customer service at 800-786-7608. Trivantage will supply you with replacement fabric and film after verification that the claim is justified.

**WHAT IS NOT COVERED?** The warranty does not cover frames, labor or installation provided by the manufacturer. The warranty does not cover the performance of ink which has been printed or screened onto the film.

This warranty does not cover damage caused by vandalism, cleaning solutions, paints, solvents, eradicable or other strong chemicals, pressure washing equipment, mechanical washing equipment that subjects the graphic to frequent abrasive scouring action, engine fuels, engine exhaust, steam, oil, grease, tree sap, fire, structural failure, lightning or other natural forces or acts of God.

\*(Sunbrella, Sunbrella Unity, Firesist®, Dickson® Orchestra)

This warranty gives you specific legal rights and you may also have other rights that vary state to state. Glen Raven makes no warranty of fitness for any particular purpose whatsoever with respect to the goods being sold. There are no warranties, express or implied, which extend beyond the description on the face of this agreement.

**Trivantage, LLC**  
Sunbrella®, Firesist® and Dickson® are registered trademarks of Glen Raven, Inc.

## Sunsure®

### 15-Year Exterior

Twitchell Technical Products, LLC produces durable, all weather fabrics that are unmatched for quality and durability. Sunsure®, & Sunsure® Plus, brand fabrics are covered by a 15-year limited warranty for fixed & operable vertical shading applications and 3-year limited warranty for all other end uses from the original date of purchase. These fabrics are warranted against defects of workmanship and materials, and/or excessive loss of color or strength from normal exposure conditions, including sunlight, rot, mildew, or atmospheric chemicals that might render it unserviceable. **This warranty is extended only to the original purchaser of the material.**

If the product has been subject to damage, neglect, unreasonable or improper use or care, exposure to corrosive chemicals, accidents, vandalism, acts of God, or other causes not arising from defects in original material or workmanship, this warranty is void. Twitchell Technical Products, LLC does not endorse or certify end uses and customers must test the fabrics for their specific applications.

In the unlikely event that the fabric should fail during the warranty period, Twitchell Technical Products, LLC will issue a credit or replace the fabric at Twitchell Technical Products, LLC’s discretion. A copy of the original purchase order must accompany all warranty claims. Twitchell Technical Products, LLC is liable for the cost of the fabric only and does not accept responsibility for any other costs associated with a company’s specific application.

Any defects found in regard to fabric construction, color, strength, or dimension that exist at the time of delivery must be reported to Twitchell Technical Products, LLC in a reasonable period of time and before any fabrication or alteration of the fabric.

Proper care includes regular cleaning. We recommend cleaning your fabric at least twice annually for residential applications and more often for high traffic areas or contract applications.

**Twitchell Corporation**  
Sunsure® is a registered trademark of Twitchell Corporation.

## SunTex® 80, 90 and 95

### 10-Year Exterior Extended Limited Warranty

**What is Covered?** This warranty covers SunTex® when properly handled and installed for normal use as exterior fixed screening. SunTex is also covered by this warranty for use in retractable roller systems. Phifer guarantees that, when delivered to our customer, Phifer Sun Control Products will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that Phifer Sun Control Products will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to screen from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of Phifer Sun Control Products may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

The Phifer Sun Control Products mentioned above are covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated screen appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

**How Long Is The Coverage Period?** The warranty against changes in physical properties is valid for a period of ten (10) years.

**What Will Phifer Do?** Any Phifer Sun Control Product found to be defective will be replaced, free of charge, with an equal quantity of Phifer Sun Control fabric.

**THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF PHIFER SUN CONTROL PRODUCTS.**

**THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SUN CONTROL PRODUCTS. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.**

#### Phifer Inc.

SunTex® is a registered trademark of Phifer Inc.

## Sur Last®

### 3-Year

This limited warranty is valid only if a copy of the invoice for the item purchased is submitted showing date of original purchase.

**What is covered?** This limited warranty covers the fabric becoming unserviceable because of loss of color or strength from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Consumer is responsible for normal care and cleaning of the fabric. The warranty covers fabric only. Glen Raven's liability is expressly limited to this warranty.

**How long is the coverage period?** This limited warranty coverage runs for three years from the date of original installation.

**What will Glen Raven do?** Glen Raven will supply new fabric free to replace the fabric that becomes unserviceable.

**How can you get service?** Call the dealer or retailer from whom you purchased the product to inspect the claim. They, in turn, will contact the manufacturer of the item purchased. The manufacturer will then contact Glen Raven and secure replacement fabric for you.

#### Glen Raven Custom Fabrics, LLC

Sur Last® is a registered trademark of Glen Raven, Inc.

## Textilene® 80, 90 and 95

### 15-Year

Twitchell Technical Products, LLC produces durable, all weather fabrics that are unmatched for quality and durability. **Textilene® 80, Textilene® 90 and Textilene® 95** brand fabrics are covered by a 15-year limited warranty from the original date of purchase against defects of workmanship and materials, and/or excessive loss of color or strength from normal exposure conditions, including sunlight, rot, mildew, or atmospheric chemicals that might render it unserviceable. **This warranty is extended only to the original purchaser of the material.**

If the product has been subject to damage, neglect, unreasonable or improper use or care, exposure to corrosive chemicals, accidents, vandalism, acts of God, or other causes not arising from defects in original material or workmanship, this warranty is void. Twitchell Technical Products, LLC does not endorse or certify end uses and customers must test the fabrics for their specific applications.

In the unlikely event that the fabric should fail during the warranty period, Twitchell Technical Products, LLC will issue a credit or replace the fabric at Twitchell Technical Products, LLC's discretion. A copy of the original purchase order must accompany all warranty claims. Twitchell Technical Products, LLC is liable for the cost of the fabric only and does not accept responsibility for any other costs associated with a company's specific application.

Any defects found in regard to fabric construction, color, strength, or dimension that exist at the time of delivery must be reported to Twitchell Technical Products, LLC in a reasonable period of time and before any fabrication or alteration of the fabric.

Proper care includes regular cleaning. We recommend cleaning your fabric at least twice annually for residential applications and more often for high traffic areas or contract applications.

#### Twitchell Corporation

Textilene® is a registered trademark of Twitchell Corporation

## Textilene® Nano™ 60, 95 and 97

### 15-Year

Twitchell Technical Products, LLC produces durable, all weather fabrics that are unmatched for quality and durability. **Textilene™ 60, 95 and 97**, brand fabrics are covered by a **15-year** limited warranty from the original date of purchase against defects of workmanship and materials, and/or excessive loss of color or strength from normal exposure conditions, including sunlight, rot, mildew, or atmospheric chemicals that might render it unserviceable. **This warranty is extended only to the original purchaser of the material.**

If the product has been subject to damage, neglect, unreasonable or improper use or care, exposure to corrosive chemicals, accidents, vandalism, acts of God, or other causes not arising from defects in original material or workmanship, this warranty is void. Twitchell Technical Products, LLC does not endorse or certify end uses and customers must test the fabrics for their specific applications.

In the unlikely event that the fabric should fail during the warranty period, Twitchell Technical Products, LLC will issue a credit or replace the fabric at Twitchell Technical Products, LLC's discretion. A copy of the original purchase order must accompany all warranty claims. Twitchell Technical Products, LLC is liable for the cost of the fabric only and does not accept responsibility for any other costs associated with a company's specific application.

Any defects found in regard to fabric construction, color, strength, or dimension that exist at the time of delivery must be reported to Twitchell Technical Products, LLC in a reasonable period of time and before any fabrication or alteration of the fabric.

Proper care includes regular cleaning. We recommend cleaning your fabric at least twice annually for residential applications and more often for high traffic areas or contract applications.

**Twitchell Corporation**  
 Nano™ is a trademark of Twitchell Corporation  
 Textilene® is a registered trademark of Twitchell Corporation

## Weblon® Coastline Plus®

### 5-Year Limited Warranty

Coastline Plus Awning Fabrics are guaranteed for a period of five (5) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state

**Herculite Products Inc.**  
 Weblon® and Coastline Plus® are trademarks of Herculite Products Inc.

## Webblon® Regatta® Yacht Fabric

### 5-Year Limited Warranty

Regatta Yacht Fabrics are guaranteed for a period of five (5) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above

limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

**Herculite Products Inc.**  
 Weblon® and Regatta® are trademarks of Herculite Products Inc.

## Webblon® Vanguard®

### 8-Year Limited Warranty

Vanguard Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

**This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.**

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

**Herculite Products Inc.**  
 Vanguard® is a trademark of Herculite Products Inc.









# Shade Solutions

The shade solution that fits your customers' needs and helps them create the ultimate outdoor living area is right here at Trivantage®. Explore a wide range of shade solutions, including Solair® retractable awnings, power and patio screens, as well as vertical drop curtains. Also, find parts for industry-leading Rollease®, Solair, and Somfy®.

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## Solair® Pro II Retractable Awning

The Solair Pro II is the ultimate solution for beautiful, stylish shade. Available in a wide range of fabrics, customizable sizes and modern frame color choices, the Pro will create a more finished, personalized look to your customers' outdoor oasis.

### Standard Features

**Frame:** Corrosion-resistant, electrostatic powder-coated aluminum.

**Arms:** The Advanced Belt Technology that's included in this model, features an exclusive tension transmission system which incorporates our ABT that has been tested and proven for almost 2 decades on performance. This design does not stretch or breakdown over time, keeping your fabric taut for years to come.

**Hardware:** The Pro II is manufactured with durable stainless steel, corrosion-resistant fasteners. Finished look with protective caps and covers to hide most exposed hardware.

**Pitch:** Adjustable locking awning pitch from 5° to 60° for maximum shade control.

**Performance:** Earned TUV Certification for its quality, durability and workmanship.

**Front Bar:** Extruded aluminum front bar engineered for long-lasting strength and durability. Front bar features a rain channel to prevent water from gathering. Dual action front bar attachment increases flexibility and reduces strain on arms during wind gusts.

**Roller Tube:** Galvanized steel roller tube provides greater strength and less deflection. (Use of a center support may still be recommended.)

### Styling

**Frame Colors:** White, Beige, Bronze, Black

**Fabric Options:** Hundreds of fabric choices from Sunbrella® and Dickson®.

### Available Sizes

**Widths:** Custom 8 feet to 30 feet. All units greater than 26 feet wide will be spliced and shipped in two pieces requiring some field assembly before installation.

**Projections:** 5 feet, 7 feet 4 inches, 9 feet, 10 feet 6 inches, 11 feet 6 inches, 13 feet

### Motorized Operation

We recommend that the Solair Pro II unit be motorized, for ease of use. We offer three standard RTS motor options based on the size of the unit (see order form for details). Hand held remote allows awning operation with the touch of a button from 65 feet away.

Some motors are available with a manual override option (CMO) for added safety in case of power loss.

Motorization also allows for additional electronic options such as wind and sun sensors.



**Optional Features**

**Remote Control:** Allows awning operation with the touch of a button from up to 65 feet away (standard on motorized awnings).

**Protective Hood:** Protects fabric and motor while providing a finished look.

**Awning Assist Brace:** Removable brace engineered to add support and stability to any Solair retractable awning.

**Valance:** Choose from traditional wave edges to modern straight lines.

**Valance Plus:** Screen or solid fabric unwinds from front valance to provide additional shade and privacy.

**Semi Cassette:** Available on units up to 22 feet wide and up to 11 feet 6 inch projection.

**Additional Information**

Solair XP Units allow for greater projections in narrower spaces. Ask a sales representative for more details.

Solair awnings can be mounted to the structural part of most buildings. Different types of brackets are required in certain applications. Contact your Trivantage sales representative or a Solair Technical Specialist for help in determining the best bracket for your application by calling 877.899.1680 or e-mailing us at: help@solair.com.

Warranty	10-year limited warranty on Solair Pro II framework. 10-year limited warranty on Sunbrella shade fabrics. 5-year limited warranty for specialty and decorative shade fabrics. 5-year warranty on Somfy motors. All warranties are good from the day of purchase. Complete warranties can be found online at Solair Shade Solutions Extranet.
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**RTS Motor Installation Requirements**

If the installation consists of multiple RTS motors, only one motor can be programmed at a time. All other motors must be disconnected. This will avoid interferences during the initial programming of each motor. The mounting distance between any two RTS motor heads should be no less than 19 inches to avoid possible interference.

The motor cable should not act as a direct conduit for water to enter the head of the motor. Note: Somfy motors conform to IP44 requirements and as such must be protected against direct weather elements such as rain, sleet, etc. In order to avoid water penetration, form a "drip loop" with the power cable and use a hood when required.

Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.

**Solair® Pro II Awning Covers**

Save fabrication time! We offer quality covers for the Solair Pro II. Covers are offered in any standard pattern of Sunbrella® and Dickson® awning fabric. (Other fabric styles upon request.) All Pro covers are sewn with Tenara® thread.

Replacement covers and valances are available by special order. Please contact a Trivantage associate for details.

Warranty	10-year limited warranty on Solair Pro II framework. 10-year limited warranty on Sunbrella shade fabrics. 5-year limited warranty for specialty and decorative shade fabrics. All warranties are good from the day of purchase. Complete warranties can be found online at Solair Shade Solutions Extranet.
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Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc. Tenara® is a registered trademark of W. L. Gore and Associates.



**Solair® Pro II Valance Plus System**

The Solair Pro II Valance Plus System is a vertical roll-down drop valance option that provides protection from the setting sun. A standard 4-foot vertical fabric drop from the front bar is optimal for western exposures.

The Valance Plus System consists of a cassette and a drop valance fabric (valance fabric sold separately). The design of the cassette also accommodates a standard fixed valance. The Valance Plus cassette is available in white, sand, beige and bronze frame colors. The system is only available for the Pro unit with projections up to 10ft 2in and widths up to 20ft. Allow for additional delivery time.

Warranty	10-year limited warranty on Solair Pro II Valance Plus framework. Fabric warranties will vary but most have 5 or 10 year limited warranties.
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Solair® is a registered trademark of Glen Raven, Inc.

**Solair® Pro II Valance Plus Fabric**

Solair Pro II Valance Plus Fabric is supplied for use in the Solair Pro II Valance Plus System. The fabric is available in widths from 10 feet to 22 feet, with a standard drop of four feet. Available in 90% Textilene® in five stock colors (Black, Brown, Beige, Grey and Desert Sand).

Solair® is a registered trademark of Glen Raven, Inc. Textilene® is a registered trademark of Twitchell Corporation.



## Solair® Comfort Retractable Awning

Made with the same quality components as the Solair Pro, Solair Comfort offers the best value in a shade system. Your customers can fully enjoy their outdoor spaces with this easy-to-use, retractable awning. It adds beauty, reduces energy bills, and protects furniture from harmful UV rays.

### Standard Features

**Frame:** All aluminum frame components are electrostatic powder coated to provide a corrosion-resistant, high quality finish.

**Arms:** Arm control features double galvanized steel cables, wrapped in PVC for corrosion resistance and long life.

**Hardware:** Durable, die-cast arm construction.

**Performance:** Earned TUV Certification for its quality, durability and workmanship.

**Front Bar:** Front bar attachment has dual-action feature that increases flexibility and reduces strain on the awning during a wind gust.

### Styling

**Frame Colors:** White and Beige.

**Fabric Options:** Hundreds of fabric choices from Sunbrella® and Dickson®.

### Available Sizes

**Widths:** 11 feet 9 inches, 15 feet 6 inches, 19 feet 3 inches.

**Projection:** 10 feet 2 inches.

### Motorized Operation

Simu CMO motor features override winding eye and hand crank. Handheld remote included with motorized option. Allows awning operation with the touch of a button from up to 65 feet away.

### Optional Features

**Wireless Wind Sensor:** Automatically retracts awnings upon detection of damaging winds.

**Awning Assist Brace:** Removable brace engineered to add support and stability to any Solair retractable awning.

**Protective Hood:** Protects fabric and motor while providing a finished look.

### Warranty

5-year limited warranty on Solair Comfort framework. 10-year limited warranty on Sunbrella shade fabrics. 5-year limited warranty for specialty and decorative shade fabrics. 5-year warranty on Somfy motors. All warranties are good from the day of purchase. Complete warranties can be found online at Solair Shade Solutions Extranet.

Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc.



## Solair® Comfort Frame

Item Number	Description	Color	Standard Package
231860	Solair Comfort Retractable Awning Small 11'-9" x 10'-2" Beige	Beige	1
274956	Solair Comfort Retractable Awning Small 11'-9" x 10'-2" White	White	1
231861	Solair Comfort Retractable Awning Medium 15'-6" x 10'-2" Beige	Beige	1
274976	Solair Comfort Retractable Awning Medium 15'-6" x 10'-2" White	White	1
231862	Solair Comfort Retractable Awning Large 19'-3" x 10'-2" Beige	Beige	1
274986	Solair Comfort Retractable Awning Large 19'-3" x 10'-2" White	White	1

Solair® is a registered trademark of Glen Raven, Inc.



231622



231828



231874



23162

## Solair® Comfort Hood Accessories

Item Number	Description	Color	Standard Package
231875	Solair Comfort Hood Bracket Beige	Beige	1
231756	Solair Comfort Hood Bracket White	White	1
231876	Solair Comfort Hood End Cap Beige	Beige	1
231757	Solair Comfort Hood End Cap White	White	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Comfort Accessories

Warranty	5-Year
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Item Number	Style Number	Description	Color	Material	Standard Package
231829		Solair Comfort Fabric Lock			1
231828		Solair Comfort Soffit or Ceiling Bracket 40mm Beige	Beige		1
231827		Solair Comfort Soffit or Ceiling Bracket 40mm White	White		1
231874		Solair Comfort Wall Bracket (H Type) 40mm Beige	Beige		1
231597		Solair Comfort Wall Bracket (H Type) 40mm White	White		1
276612		Somfy 550 Simu RTS CMO Motor Kit with Single Channel Remote and Manual Limits with 18' Plug #2005703			1
274830	2007827	Somfy Simu Eolis RTS 3D WireFree Sensor White #2007827	White		1
231622		Solair Roof Mount Bracket 12" Stainless Steel		Stainless Steel	1
269869		Solair Roof Mount Bracket 9" Stainless Steel		Stainless Steel	1

Solair® is a registered trademark of Glen Raven, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.



## Solair® Power Screen

Revamp your customer's space with the click of a button so they can enjoy the outdoors on their terms. The Solair Power Screen transforms residential and commercial outdoor spaces into comfortable, ventilated, pest-free environments, protected from harmful UV rays. Solair Power Screens are motorized, manual operation may be available on some sizes. Each Solair Power Screen is custom-designed and fabricated to fit the shape and design of the structure. When not in use, the screen retracts out-of-sight and blends stylishly with the building's exterior.

The SRS (Side Retention System) Power Screen is widely known as the highest performing screen system on the market today. The key to the superior functionality of the SRS is its fully retained fabric inside of aluminum side rails. The design creates a tight fit and long lasting performance.

With the increase in popularity of clear vinyl and fabric enclosures utilizing the Power Screen SRS, there are added precautions that you need to be aware of. When these screens are deployed, it is imperative someone observes the deployment of each screen (we do not recommend putting more than one screen per channel on a remote control). Operation in conditions in which wind and/or cold temperatures are present can result in the screen encountering a stall. Please consult your Trivantage sales representative on all clear vinyl and fabric enclosures.

Specially designed housing cassettes in three sizes allow product widths from 4ft to 25ft, and drops from 3ft to 20ft. Additional sizes may be available if needed. Consult your sales associate for additional information.

Offered in a variety of screening and shading options to suit your customer's needs.

When lowered in the summer months, Solair Power Screen fabrics will reduce air conditioning costs.

During cooler weather, the Solair Power Screen can be kept open to allow the sun's warmth to penetrate the interior.

Utilizing the latest technology, many Solair Power Screen fabrics are not only fire retardant, but industry leaders in puncture, tear and mildew resistance. Manufactured with the highest grade aluminum and nylon components, Solair Power Screens stand up to the toughest environments.

Power Screen frames are available in eleven colors: Black, Bronze, Brown, Desert Sand, Gray, Green, Tan, Navajo, Silver, White, Bright White. Custom colors are available at additional cost.

Motorized operation is recommended for all screen installations for quick deployment or retraction when needed. Motors offered are matched to the torque required based on fabric and frame weight.

<b>Warranty</b>	10-year limited frame warranty. Proper installation techniques must be followed to ensure long-term performance. Improper installation techniques will void warranty. Please consult your sales representative for installation guidelines.
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Solair® is a registered trademark of Glen Raven, Inc.



231500

## Solair® Vertical Roller Tube

Item Number	Description	Diameter	Material	Standard Package
231525	Solair Roller Tube #TV332 14' x 70mm Galvanized Steel	70mm	Galvanized Steel	1
231500	Solair Roller Tube #TV332 16' x 80mm Galvanized Steel	80mm	Galvanized Steel	1
231526	Solair Roller Tube #TV332 18' x 80mm Galvanized Steel	80mm	Galvanized Steel	1
231502	Solair Roller Tube #TV332 24' x 80mm Galvanized Steel	80mm	Galvanized Steel	1

Note: Due to the length of item# 231502, the item is only available for will call pickup.

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Curtain

The Solair Vertical Curtain provides an economical way to offer your customers a retractable vertical shade. These shades can reduce cooling costs and keep the heat outside the home. Perfect for both residential and commercial applications such as patios, gazebos and storefront settings. The system includes roller tube, gear, winding brace and mounting hardware.

### Standard Features

**Frame:** Made with electrostatic powder coated aluminum and galvanized steel components for a strong but light weight unit.

**Winding Brace:** Available in 24 inch, 57 inch, 65 inch (standard), or 77 inch.

### Styling

Frame Colors: White, Beige, Bronze.

### Available Sizes

Frame kits are available in widths from 4 feet to 20 feet.

### Motorized Operation

Optional motorized operation available and recommended for ease of use.

### Optional Features

**Remote Control:** Allows you to operate curtain with the touch of a button from up to 65 feet away.

**Protective Hood:** Protects fabric and motor while providing a finished look.

### Cable Kit and Bottom Bar

Warranty      Frame: 5-year warranty  
                  Motor: 5-year warranty

Solair® is a registered trademark of Glen Raven, Inc.



232292



232297



232298

## Solair® Vertical Mounting Brackets

Item Number	Description	Color	Material	Standard Package
232293	Solair Vertical Curtain Wall Bracket 9CSU with Cable Hardware with Cover Beige (1 Each is 1 End Bracket)	Beige	Powder Coated Aluminum	2
232292	Solair Vertical Curtain Wall Bracket 9CSU with Cable Hardware with Cover Bronze (1 Each is 1 End Bracket)	Bronze	Powder Coated Aluminum	2
231639	Solair Vertical Curtain Wall Bracket 9CSU with Cable Hardware with Cover White (1 Each is 1 End Bracket)	Beige	Powder Coated Aluminum	1
232297	Solair Vertical Curtain Wall Bracket 9KSU Beige with Black Plastic Cover (1 Each is 1 End Bracket)	Beige	Powder Coated Aluminum	2
232296	Solair Vertical Curtain Wall Bracket 9KSU Bronze with Black Plastic Cover (1 Each is 1 End Bracket)	Bronze	Powder Coated Aluminum	2
231637	Solair Vertical Curtain Wall Bracket 9KSU White with White Plastic Cover (1 Each is 1 End Bracket)	White	Powder Coated Aluminum	1
231951	Solair Vertical Curtain Wall Bracket 9SPS no Cover Beige (1 Each is 1 Bracket)	Beige	Powder Coated Aluminum	1
231950	Solair Vertical Curtain Wall Bracket 9SPS no Cover Bronze (1 Each is 1 Bracket)	Bronze	Powder Coated Aluminum	1
231952	Solair Vertical Curtain Wall Bracket 9SPS no Cover White (1 Each is 1 Bracket)	White	Powder Coated Aluminum	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Gears

Item Number	Description	Color	Standard Package
232299	Solair Vertical Curtain and Comfort Gear 10:1 Beige	Beige	1
232298	Solair Vertical Curtain and Comfort Gear 10:1 Bronze	Bronze	1
231603	Solair Vertical Curtain and Comfort Gear 10:1 White	White	1
231593	Solair Vertical Curtain and Comfort Gear 9:1 White 418F5	White	1

Solair® is a registered trademark of Glen Raven, Inc.



## Solair® Vertical Double Gudgeon Packages

Item Number	Description	Color	Diameter	Standard Package
232308	Solair Vertical Curtain Double Gudgeon and Bracket 70mm Beige	Beige	70mm	1
232307	Solair Vertical Curtain Double Gudgeon and Bracket 70mm Bronze	Bronze	70mm	1
232306	Solair Vertical Curtain Double Gudgeon and Bracket 70mm White	White	70mm	1
232322	Solair Vertical Curtain Double Gudgeon and Bracket 80mm Beige	Beige	80mm	1
232321	Solair Vertical Curtain Double Gudgeon and Bracket 80mm Bronze	Bronze	80mm	1
232320	Solair Vertical Curtain Double Gudgeon and Bracket 80mm White	White	80mm	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Hand Braces

Item Number	Description	Material	Standard Package
106805	Solair Hand Brace with Wood Handle 24"	Aluminum w/ Wooden Handle	1
106800	Solair Hand Brace with Wood Handle 57"	Aluminum w/ Wooden Handle	1
106801	Solair Hand Brace with Wood Handle 65"	Aluminum w/ Wooden Handle	1
106802	Solair Hand Brace with Wood Handle 77"	Aluminum w/ Wooden Handle	1

Solair® is a registered trademark of Glen Raven, Inc.



231507

231518

## Solair® Vertical Gudgeons

Item Number	Description	Color	Diameter	Material	Standard Package
231516	Solair Vertical Curtain Gudgeon 70mm Round Pinless Grey	Grey	70mm	Plastic	1
231527	Solair Vertical Curtain Gudgeon 70mm Square Pin Grey	Grey	70mm	Plastic	1
231518	Solair Vertical Curtain Gudgeon 80mm Round Pinless Grey	Grey	80mm	Plastic	1
231507	Solair Vertical/Pro Curtain Gudgeon 80mm Square Pin Grey	Grey	80mm	Plastic	1

Solair® is a registered trademark of Glen Raven, Inc.



231519

## Solair® Vertical Pin Sets

Item Number	Description	Standard Package
231519	Solair Vertical Curtain Pin Set for Pinless Round Gudgeon	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Cable Packages

Item Number	Description	Color	Material	Standard Package
231522	Solair Vertical Cable Curtain Cables Stainless Steel 13' Long x 4mm Stainless Steel (1 Each is 1 Pair)		Stainless Steel	1
232295	Solair Vertical Cable Curtain Foot Beige (1 each is 1 Foot)	Beige	Powder Coated Aluminum	1
232294	Solair Vertical Cable Curtain Foot Bronze (1 each is 1 Foot)	Bronze	Powder Coated Aluminum	1
231640	Solair Vertical Cable Curtain Foot White (1 each is one foot)	White	Powder Coated Aluminum	1
231524	Solair Vertical Curtain Bottom Bar End Plug with Cable Guide and Lock	Black	Plastic	1
232314	Solair Vertical Curtain Double Gudgeon Cable Attachment Bracket Beige (One ea is 2 Brackets 1 Screw)	Beige	Powder Coated Aluminum	1
232313	Solair Vertical Curtain Double Gudgeon Cable Attachment Bracket Bronze (One ea is 2 Brackets 1 Screw)	Bronze	Powder Coated Aluminum	1
232312	Solair Vertical Curtain Double Gudgeon Cable Attachment Bracket White (One ea is 2 Brackets 1 Screw)	Beige	Powder Coated Aluminum	1
232311	Solair Vertical Curtain Single Cable Attachment Bracket Beige	Beige	Powder Coated Aluminum	1
232310	Solair Vertical Curtain Single Cable Attachment Bracket With Screw Bronze	Bronze	Powder Coated Aluminum	1
232309	Solair Vertical Curtain Single Cable Attachment Bracket with Screw White	White	Powder Coated Aluminum	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Bottoms / Weight Bars

Item Number	Description	Color	Material	Standard Package
232291	Solair Vertical Curtain Bottom / Weight Bar 1.57 x 19'-8" Bronze	Bronze	Powder Coated Aluminum	1
232290	Solair Vertical Curtain Bottom / Weight Bar 1.57" x 19'-8" Beige	Beige	Powder Coated Aluminum	1
231645	Solair Vertical Curtain Bottom / Weight Bar 1.57" x 19'-8" White	White	Powder Coated Aluminum	1

Solair® is a registered trademark of Glen Raven, Inc.

## Solair® Vertical Hood Packages

Item Number	Description	Color	Material	Standard Package
232301	Solair Vertical Curtain Hood 20' Beige	Beige	Powder Coated Aluminum	1
232300	Solair Vertical Curtain Hood 20' Bronze	Bronze	Powder Coated Aluminum	1
231644	Solair Vertical Curtain Hood 20' White	White	Powder Coated Aluminum	1
232303	Solair Vertical Curtain Hood End Cap Beige (1 each is one End Cap)	Beige	Powder Coated Aluminum	2
232302	Solair Vertical Curtain Hood End Cap Bronze (1 each is one End Cap)	Bronze	Powder Coated Aluminum	2
231643	Solair Vertical Curtain Hood End Cap White (1 each is one End Cap)	White	Powder Coated Aluminum	1
232305	Solair Vertical Curtain Hood Support L Bracket Beige	Beige	Powder Coated Steel	2
232304	Solair Vertical Curtain Hood Support L Bracket Bronze	Bronze	Powder Coated Steel	2
231642	Solair Vertical Curtain Hood Support L Bracket White	White	Powder Coated Steel	1

Solair® is a registered trademark of Glen Raven, Inc.

## Somfy® Vertical Motorizations

**Warranty** 5-Year

Item Number	Style Number	Description	Standard Package
270531	9707027	Somfy Crown LT50 500 Series DS78mm Round #9707027	1
273971	9012241	Somfy Drive LT50/LT60 Modified Round TV Roller Tube DS78mm #9012241	1
276670	1043423	Somfy Motor 525A2 LT50 Altus RTS #1043423 with Standard 3 Wire 10' Pigtail Cable	1
273968	9910001	Somfy Universal Motor Bracket with Spring Ring Zamac (Metric Thread) #9910001	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Solair® Patio Screens

The Solair Patio Screen is a cost-effective, vertical drop screen that offers multi-purpose benefits. It blocks wind and rain, eliminates glare, and reduces radiant heat inside and out. Available in four frame colors and several screen options, it's a great shade and privacy solution for personal and commercial use. The cable kit is recommended where light winds are common. Solair Patio Screens are built to order.

Suggested uses: gazebos, pergolas, outdoor kitchens, outdoor living spaces, windows.

### Standard Features

**Frame:** Made with two aluminum mounting brackets and galvanized steel roller tube and decorative aluminum weighted hem bar.

### Styling

Frame Colors: White, Beige, Bronze.

### Available Sizes

Manufactured to the inch in widths ranging from 3' to 15' and drops from 3' to 15'.

### Motorized Operation

Optional motorized operation available and recommended for ease of use.

### Optional Features

**Remote Control:** Allows you to operate curtain with the touch of a button from up to 65 feet away.

**Protective Hood:** Protects fabric and motor while providing a finished look.

Warranty	Frame: 5-year warranty
	Motor: 5-year warranty

Solair® is a registered trademark of Glen Raven, Inc.







## Solair® Maxi II Large Window Awning

Make your customer's home cooler and more stylish. The Solair window awning is a great investment in the beauty and value of a home or business. Adding a customized look to the outside, these shade solutions work to control the temperature and protect furniture and flooring against sun damage inside. Solair window awnings feature your choice of hundreds of fade-resistant and easy-to-clean fabrics, including brands like Sunbrella® and Dickson® to customize any style of home. And thanks to design-inspired engineering using the highest quality materials and components, you will enjoy these shade solutions with little maintenance required.

The Solair Maxi II window awning is recommended for use over large window spans where durability and strength are required. Available in four stock arm projections 2 ft. 8 in / 3 ft. 8 in. / 4 ft. 8 in. / 5 ft. and made to order in custom widths from 6ft. to 20ft. Frame colors include White, Beige and Bronze.

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**Warranty**      5-year limited warranty on Solair Maxi II Large Window Awning framework. 10-year limited warranty on Sunbrella shade fabrics. 5-year limited warranty for specialty and decorative shade fabrics. 5-year warranty on Somfy motors. All warranties are good from the day of purchase. Complete warranties can be found online at Solair Shade Solutions Extranet.

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Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.





224504

## Rollease® Roller Tubes

Item Number	Description	Standard Package
224504	Rollease Roller Tube Taped 1-1/2" x 12' Aluminum	96
224503	Rollease Roller Tube Taped 1-1/4" x 12' Aluminum	120
224669	Rollease Roller Tube Taped 1-1/4" x 16' Aluminum for Exterior Use	160
224627	Rollease Roller Tube Taped 2" x 12' Aluminum	48
224628	Rollease Roller Tube Untaped 2" x 16' Aluminum	64

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® R-Series Clutches

Item Number	Description	Color	Diameter	Standard Package
224514	Rollease Clutch R-16 1-1/2" Black	Black	1.5 in.	1
224516	Rollease Clutch R-16 1-1/2" Vanilla	Vanilla	1.5 in.	1
224598	Rollease Clutch R-16 1-1/2" White	White	1.5 in.	1
224648	Rollease Clutch R-24 1-1/2" Black	Black	1.5 in.	1
224517	Rollease Clutch R-24 1-1/2" Vanilla	Vanilla	1.5 in.	1
224547	Rollease Clutch R-24 1-1/2" for Exterior Use Black	Black	1.5 in.	1
224518	Rollease Clutch R-8 1-1/2" Black	Black	1.5 in.	1
224519	Rollease Clutch R-8 1-1/2" Vanilla	Vanilla	1.5 in.	1
224620	Rollease Clutch R-8 1-1/2" for Exterior Use Vanilla	Vanilla	1.5 in.	1
224555	Rollease Clutch R-8 1-1/4" Black	Black	1.25 in.	1
224515	Rollease Clutch R-8 1-1/4" Vanilla	Vanilla	1.25 in.	1
224679	Rollease Clutch R-8 1-1/4" White	White	1.25 in.	1
224591	Rollease Clutch/End Plug Conversion Adapter 1-1/2" to 2" Black	Black	2 in.	1
224592	Rollease Clutch/End Plug Conversion Adapter 1-1/2" to 2" Vanilla	Vanilla	2 in.	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® R-Series Fascia

Item Number	Description	Color	Standard Package
224558	Rollease Fascia 3" x 16' Black	Black	10
224500	Rollease Fascia 3" x 16' Bronze	Bronze	10
224501	Rollease Fascia 3" x 16' Vanilla	Vanilla	10
224508	Rollease Fascia 3" x 16' White	White	10
224640	Rollease Fascia 4" x 16' Bronze	Bronze	10
224641	Rollease Fascia 4" x 16' Vanilla	Vanilla	10
224633	Rollease Fascia 4" x 16' White	White	10
224574	Rollease Fascia Bracket for R-16 Clutch 3" Black	Black	1
224570	Rollease Fascia Bracket for R-16 Clutch 3" Bronze	Bronze	1
224571	Rollease Fascia Bracket for R-16 Clutch 3" Vanilla	Vanilla	1
224572	Rollease Fascia Bracket for R-16 Clutch 3" White	White	1
224577	Rollease Fascia Bracket for R-24 Clutch 4" Bronze	Bronze	1
224564	Rollease Fascia Bracket for R-24 Clutch 4" Vanilla	Vanilla	1
224576	Rollease Fascia Bracket for R-24 Clutch 4" White	White	1
224560	Rollease Fascia Bracket for R-8 Clutch 3" Bronze	Bronze	1
224561	Rollease Fascia Bracket for R-8 Clutch 3" Vanilla	Vanilla	1
224562	Rollease Fascia Bracket for R-8 Clutch 3" White	White	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® R-Series End Plugs

Item Number	Description	Color	Standard Package
224512	Rollease End Plug for R Series 1-1/2" Black	Black	1
224511	Rollease End Plug for R Series 1-1/2" Vanilla	Vanilla	1
224486	Rollease End Plug for R Series 1-1/2" White	White	1
224556	Rollease End Plug for R Series 1-1/4" Black	Black	1
224510	Rollease End Plug for R series 1-1/4" Vanilla	Vanilla	1



224544



224649

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® Hem Bars

Item Number	Description	Color	Standard Package
224582	Rollease Hem Bar End Cap with Screw Black	Black	100
224588	Rollease Hem Bar End Cap with Screw Vanilla	Vanilla	100
224581	Rollease Hem Bar End Cap with Screw White	White	100
224646	Rollease Hem Bar Exterior 16' Black	Black	160
224644	Rollease Hem Bar Exterior 16' Dark Bronze	Bronze	160
224642	Rollease Hem Bar Exterior 16' Vanilla	Vanilla	160
224643	Rollease Hem Bar Exterior 16' White	White	160
224686	Rollease Internal Hem Bar 16' Aluminum		16

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® Chain and Stop Balls

Item Number	Description	Color	Standard Package
224544	Rollease Metal Chain Connector 100-pk		1
224525	Rollease Metal Chain Loop with Safety Warning Tag #10 4'		1
224527	Rollease Metal Chain Loop with Safety Warning Tag #10 6'		1
224520	Rollease Metal Chain Spool with Safety Warning Tags #10 500'		1
224541	Rollease Plastic Chain Connector Black	Black	100
224539	Rollease Plastic Chain Connector Clear	Clear	100
224543	Rollease Plastic Chain Connector Gray	Gray	100
224542	Rollease Plastic Chain Connector Vanilla	Vanilla	100
224540	Rollease Plastic Chain Connector White	White	100
224536	Rollease Plastic Chain with Safety Warning Tags #10 820' Black	Black	1
224533	Rollease Plastic Chain with Safety Warning Tags #10 820' Brown	Brown	1
224537	Rollease Plastic Chain with Safety Warning Tags #10 820' Vanilla	Vanilla	1
224634	Rollease Plastic Chain with Safety Warning Tags #10 820' Vanilla	Vanilla	1
224535	Rollease Plastic Chain with Safety Warning Tags #10 820' White	White	1
224797	Rollease Plastic Chain with Safety Warning Tags 6MM 820' Gray	Gray	1
224796	Rollease Plastic Chain with Safety Warning Tags 6MM 820' White	White	1
224649	Rollease SafetyHold 3 Clear	Clear	1
224521	Rollease Stop Ball for Chain 5/16"		100

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® R-Series Mounting Brackets

Item Number	Description	Color	Material	Standard Package
224507	Rollease Mounting Bracket Cover for R-8 Clutch White	White		1
224602	Rollease Mounting Bracket for R-16 Clutch 1-1/2" Black	Black		1
224506	Rollease Mounting Bracket for R-16 Clutch 1-1/2" Nickel		Nickel	1
224524	Rollease Mounting Bracket for R-16/ R-24 Clutch 2" Nickel		Nickel	1
224505	Rollease Mounting Bracket for R-3/ R-8 Clutch 1-1/2" Nickel		Nickel	1
224509	Rollease Mounting Bracket for R-3/ R-8 Clutch 2" Nickel		Nickel	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.



224697

## Rollease® Skyline Mounting Brackets

Item Number	Description	Color	Standard Package
224697	Rollease Skyline Bracket 1-1/2" Black SLB660BK	Black	1
224746	Rollease Skyline Bracket 1-1/2" Gray # SLB660GR	Gray	1
224676	Rollease Skyline Bracket 1-1/2" White SLB660W	White	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.



224748

## Rollease® Skyline Clutches

Item Number	Description	Color	Standard Package
224787	Rollease Skyline Clutch SL15 1-1/8" Black (SL15H01BK)	Black	1
224786	Rollease Skyline Clutch SL15 1-1/8" Brown (SL15H01BR)	Brown	1
224748	Rollease Skyline Clutch SL15 1-1/8" Gray (SL15H01G)	Gray	1
224785	Rollease Skyline Clutch SL15 1-1/8" White (SL15H01W)	White	1
224779	Rollease Skyline Clutch SL20 1-1/2" Black (SL20H53BK)	Black	1
224778	Rollease Skyline Clutch SL20 1-1/2" Brown (SL20H53BR)	Brown	1
224777	Rollease Skyline Clutch SL20 1-1/2" Gray (SL20H53G)	Gray	1
224776	Rollease Skyline Clutch SL20 1-1/2" White (SL20H53W)	White	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.



224803

## Rollease® Skyline Pin Ends

Item Number	Description	Color	Standard Package
224803	Rollease Skyline Pin End 1-1/2" Heavy Duty Black (SLPEHD53BK)	Black	1
224801	Rollease Skyline Pin End 1-1/2" Heavy Duty Gray (SLPEHD53G)	Gray	1
224802	Rollease Skyline Pin End 1-1/2" Heavy Duty White (SLPEHD53W)	White	1
224784	Rollease Skyline Pin End 1-1/4" Black (SLPEV03BK)	Black	1
224747	Rollease Skyline Pin End 1-1/4" Gray (SLPEV03G)	Gray	1
224783	Rollease Skyline Pin End 1-1/4" White (SLPEV03W)	White	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® Skyline Adapters

Item Number	Description	Color	Standard Package
224819	Rollease Skyline Adapter 1-1/2" White (SLA53W)	White	1
224795	Rollease Skyline Adapter 1-1/4" Black (SLA03BK)	Black	1
224794	Rollease Skyline Adapter 1-1/4" Brown (SLA03BR)	Brown	1
224749	Rollease Skyline Adapter 1-1/4" Gray (SLA03G)	Gray	1
224793	Rollease Skyline Adapter 1-1/4" White (SLA03W)	White	1

Rollease® is a registered trademark of Rollease Acmeda, Inc.

## Rollease® Motorizations from Somfy®

Warranty	5-Year
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Item Number	Style Number	Description	Standard Package
276619	9013775	Somfy Crown and Drive Set for Battery and 30 Motors 1-1/2" Rollease Tube #9013775	1
276715	9018475	Somfy Crown for Battery and 30 Motors 1-1/2" RollEase Tube #9018475	1
276716	9018477	Somfy Drive for Battery and 30 Motors 1-1/2" RollEase Tube #9018477	1

Somfy® is a registered trademark of Somfy Systems, Inc.



## Somfy® Motors and Accessories for Interior Shades

Warranty		5-Year		
Item Number	Style Number	Description	Material	Standard Package
276597	9018476	Somfy Drive for Battery and 30 Motors 1-1/4" RollEase Tube #9018476		1
274033	9128101	Somfy End Cap (Round Metal Gudgeon) for 2" Tube with 10mm Shaft #9128101		1
274134	9138028	Somfy Fabric Attaching Clip for 2" Tube #9138028		1
274314	9410635	Somfy Idler Bracket for LT50 with 10mm Hole Nylon Bearing #9410635	Zinc Plated Steel	1
274837	2003508	Somfy Idler Cap 78mm Round Plastic Fixed 12mm Pin #2003508		1
274136	9700958	Somfy Idler End Cap (Round Gudgeon) 2" Plastic with 10mm Shaft #9700958		1
274047	9420800	Somfy Idler End Cap T3.5/T5 47mm Adjustable with 10mm Shaft #9420800		1
274686	9129631	Somfy Idler End Cap w/o Shaft 2" OD with M5 Screw #9129631	Cast Aluminum	1
274315	9420801	Somfy Idler Universal End Cap Collapsible 12mm Shaft #9420801		1
274339	9146011	Somfy Intermediate Bearing Support For (#1781018 Shaft) #9146011		1
276522	1241162	Somfy Motor Roll Up 28 WireFree RTS V2 (External Battery) #1241162		1
276524		Somfy Rechargeable Lithium-ion Battery Pack for Exterior Battery Wirefree Motors #9021217		1
270597	1781148	Somfy Roller Tube Round 2" x 20' Aluminum #1781148		100

Rollase® is a registered trademark of Rollease Acmeda, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Altus RTS 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
274755	1033399	Somfy Motor 506S2 LT50 Altus RTS #1033399 with Standard 3 Wire 6' Pigtail Cable	1
274752	1038165	Somfy Motor 510S2 LT50 Altus RTS #1038165 with Standard 3 Wire 10' Pigtail Cable	1
274753	1043423	Somfy Motor 525A2 LT50 Altus RTS #1043423 with #9012170 10' NEMA Cable	1
276670	1043423	Somfy Motor 525A2 LT50 Altus RTS #1043423 with Standard 3 Wire 10' Pigtail Cable	1
275047	1038169	Somfy Motor 530R2 LT50 Altus RTS #1038169 with Standard 3 Wire 10' Pigtail Cable	1
274756	1038168	Somfy Motor 535A2 LT50 Altus RTS #1038168 with Standard 3 Wire 10' Pigtail Cable	1
274758	1037510	Somfy Motor 540R2 LT50 Altus RTS #1037510 with Standard 3 Wire 6' Pigtail Cable	1
274762	1038170	Somfy Motor 550R2 LT50 Altus RTS #1038170 with Standard 3 Wire 6' Pigtail Cable	1
273976	1166289	Somfy Motor 6100R2 LT60 Altus RTS #1166289 with Standard 3 Wire 10' Pigtail Cable	1
274810	1162271	Somfy Motor 660R2 LT60 Altus RTS #1162271 with Standard 3 Wire 6' Pigtail Cable	1
274763	1164261	Somfy Motor 680R2 LT60 Altus RTS #1164261 with Standard 3 Wire 6' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Maestria Altus RTS 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
276735	1134082	Somfy Motor 510A2 LT50 Maestria Altus RTS #1134082 with Standard 3 Wire 10' Pigtail Cable	1
276736	1134083	Somfy Motor 525S2 LT50 Maestria Altus RTS #1134083 with Standard 3 Wire 10' Pigtail Cable	1
276737	1134084	Somfy Motor 535S2 LT50 Maestria Altus RTS #1134084 with Standard 3 Wire 10' Pigtail Cable	1
276738	1134095	Somfy Motor 550R2 LT50 Maestria Altus RTS #1134095 with Standard 3 Wire 10' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Sonesse Altus RTS 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
276717	1001806	Somfy Motor 506S2 LT50 RH Sonesse Altus RTS #1001806 with Standard 3 Wire 10' Pigtail Cable	1
275016	1001809	Somfy Motor 506S2 LT50 Sonesse Altus RTS #1001809 with Standard 3 Wire 10' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® RTS CMO 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
276656	1043020	Somfy Motor 525A2 LT50 RTS CMO #1043020 with Standard 3 Wire 6' Pigtail Cable	1
274733	1047306	Somfy Motor 535A2 LT50 RTS CMO #1047306 with Standard 3 Wire 6' Pigtail Cable	1
275046	1051012	Somfy Motor 550R2 LT50 RTS CMO #1051012 with Standard 3 Wire 6' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Simu RTS CMO 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
273926	2007156	Somfy Motor Simu T6 DMI6Hz 6100 RTS CMO #2007156 with Standard NEMA Cable	1
274385	2007145	Somfy Motor Simu T6 DMI6Hz 660 RTS CMO #2007145 with Standard NEMA Cable	1
273948	2007146	Somfy Motor Simu T6 DMI6Hz 680 RTS CMO #2007146 with Standard NEMA Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Sunea RTS CMO 3 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
273923	1114304	Somfy Motor Sunea 525A2 RTS CMO #1114304 with 18" Fast Connect Cable	1
275192	1116321	Somfy Motor Sunea 535A2 RTS CMO #1116321 with 18" Fast Connect Cable	1
273922	1118210	Somfy Motor Sunea 550R2 RTS CMO #1118210 with 18" Fast Connect Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Sonesse 4 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
276719	1001812	Somfy Motor 506S2 LT50 RH Sonesse #1001812 with Standard 4 Wire 10' Pigtail Cable	1
276731	1001814	Somfy Motor 506S2 LT50 Sonesse #1001814 with Standard 4 Wire 6' Pigtail Cable	1
275017	1001810	Somfy Motor 510S2 LT50 RH Sonesse #1001810 With Standard 4 Wire 6' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® 4 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
274118	1042055	Somfy Motor 520R2 LT50 #1042055 with Standard 4 Wire 10' Pigtail Cable	1
274649	1043424	Somfy Motor 525A2 LT50 #1043424 with Standard 4 Wire 10' Pigtail Cable	1
273783	1045793	Somfy Motor 530R2 LT50 #1045793 with Standard 4 Wire 10' Pigtail Cable	1
274060	1051464	Somfy Motor 550R2 LT50 #1051464 with Standard 4 Wire 10' Pigtail Cable	1

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## Somfy® CMO 4 Wire Motors

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
274080	1043010	Somfy Motor 525A2 LT50 CMO #1043010 with Standard 4 Wire 6' Pigtail Cable	1
274084	1045017	Somfy Motor 530R2 LT50 CMO #1045017 with Standard 4 Wire 6' Pigtail Cable	1
274088	1047006	Somfy Motor 535A2 LT50 CMO #1047006 with Standard 4 Wire 6' Pigtail Cable	1
274096	1051014	Somfy Motor 550R2 LT50 CMO #1051014 with Standard 4 Wire 6' Pigtail Cable	1
274109	1166016	Somfy Motor 6100R2 LT60 CMO #1166016 with Standard 4 Wire 6' Pigtail Cable	1
274100	1162014	Somfy Motor 660R2 LT60 CMO #1162014 with Standard 4 Wire 6' Pigtail Cable	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Cables

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
274847	9021113	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 1.4' #9021113	1
274935	9020791	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 10.4' #9020791	1
274936	9020792	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 18' #9020792	1
274937	9020793	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 24' #9020793	1
274845	9021114	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 4.4' #9021114	1
274831	9021115	Somfy Cable Extension for Sunea Fast Connector Cable CMO with NEMA Plug 8.4' #9021115	1
274833	9021049	Somfy Cable for Altus RTS with NEMA Plug 1.5' #9021049	1
274699	9021051	Somfy Cable for Altus RTS with NEMA Plug 10' #9021051	1
274304	9021052	Somfy Cable for Altus RTS with NEMA Plug 18' #9021052	1
274846	9021053	Somfy Cable for Altus RTS with NEMA Plug 24' #9021053	1
274848	9021050	Somfy Cable for Altus RTS with NEMA Plug 6' #9021050	1
274938	9018345	Somfy Cable for LT 4 Wire with 10' Pigtail #9018345	1
274832	9021046	Somfy Cable for LT 4 Wire with 24' Pigtail #9021046	1
274181	9012137	Somfy Cable for LT CMO 4 Wire with 12' Pigtail #9012137	1
274177	9208308	Somfy Cable for LT CMO 4 Wire with 24' Pigtail #9208308	1
274148	9208302	Somfy Cable for LT CMO 4 Wire with 6' Pigtail #9208302	1
274032	9012148	Somfy Cable for RTS CMO with NEMA Plug 12' #9012148	1
274306	9012150	Somfy Cable for RTS CMO with NEMA Plug 18' #9012150	1
274122	9012149	Somfy Cable for RTS CMO with NEMA Plug 24' #9012149	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Crowns and Drives

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
276601	9013762	Somfy Crown Adaptor for LS40 to LT50 Crown #9013762	1
273819	9707031	Somfy Crown LT50 500 Series 2.75" Round #9707031	1
274169	9707026	Somfy Crown LT50 500 Series 60mm 2.5" Round #9707026	1
273961	9707030	Somfy Crown LT50 500 Series 63mm 3 Grooves #9707030	1
274022	9707034	Somfy Crown LT50 500 Series DS70mm 3mm Offset #9707034	1
270531	9707027	Somfy Crown LT50 500 Series DS78mm Round #9707027	1
270547	9707639	Somfy Crown LT60 600 Series DS78mm Round Offset TV Roller Tube #9707639	1
276596	9018474	Somfy Crown Roll Up R28 1-1/4" RollEase Tube #9018474	1
271458	9018588	Somfy Crown Roll Up R28 for 1-5/8" 40mm Louvolite Tube #9018588	1
274174	9012234	Somfy Crown and Adaptor and Drive LT50 or LT60 DS70mm Octagonal #9012234	1
274462	9013763	Somfy Crown and Drive Adaptor Kit 400 Series to 500 Series #9013763	1
273950	9012231	Somfy Crown and Drive Set LT50 500 Series 2.5" (60mm) Round #9012231	1
274220	9012239	Somfy Crown and Drive Set LT50 500 Series 78mm #9012239	1
273878	9012237	Somfy Crown and Drive Set LT50 500 Series DS70mm Offset #9012237	1
274135	9206088	Somfy Drive LT50 2" 47mm Round Hard Clip #9206088	1
274191	9206089	Somfy Drive LT50 2" 47mm Round Soft Clip #9206089	1
274025	9751005	Somfy Drive LT50 DS70mm 3mm Offset #9751005	1
274016	9761002	Somfy Drive LT50/LT60 70mm Octagonal #9761002	1
273877	9206019	Somfy Drive LT50/LT60 DS63mm Round #9206019	1
273862	9761003	Somfy Drive LT50/LT60 DS85mm #9761003	1
273971	9012241	Somfy Drive LT50/LT60 Modified Round TV Roller Tube DS78mm #9012241	1
274309	9761004	Somfy Drive LT50/LT60 Round DS78mm #9761004	1
274186	9761001	Somfy Drive LT50/LT60 Round TV Roller Tube DS78mm #9761001	1
271459	9018598	Somfy Drive R28 for 1-5/8" Louvolite Tube #9018598	1
275157	9016630	Somfy Drive Sonesse 50 Series 50mm Hard Clip #9016630	1
274221	9751002	Somfy Drive T5 Series DS63mm #9751002	1
270548	9705340	Somfy Octagonal Crown LT60 70mm #9705340	1

RollEase® is a registered trademark of RollEase Acmeda, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.



## Somfy® Brackets

Warranty		5-Year		
Item Number	Style Number	Description	Material	Standard Package
274340	9028446	Somfy Bracket Cast Aluminum LT50 500 Series #9028446		1
274777	9002541	Somfy Bracket Center Intermediate LT50 or LT40 with 16mm Bearing #9002541		1
274312	9410665	Somfy Bracket End LT50 Motor U Shape 25mm Maximum #9410665		1
274322	9410648	Somfy Bracket Intermediate for Split Roller Tube LT50 2in Universal Kit #9410648	Zinc-Plated Steel	1
274459	9206021	Somfy Bracket LT50 with 10mm Square Stud and Pin Hole #9206021		1
274196	9910017	Somfy Bracket T50 RH LO Plate 10mm Stud #9910017		1
274311	9410637	Somfy Bracket Wall Light Duty #9410637		1
270688	9410651	Somfy Bracket with Welded Universal Bracket #9410651	Zinc-Plated Steel	1
273963	9206033	Somfy Spring Ring #9206033		1
274579	9015802	Somfy Sunea RTS CMO Universal Bracket #9015802		1
274247	9500659	Somfy Universal Bracket Star Head Adaptor for LS40 to LT50 Universal Bracket #9500659		1
273962	9420631	Somfy Universal Motor Bracket with Spring Ring #9420631		1
273987	9910021	Somfy Universal Motor Bracket with Spring Ring (U.S. Thread) #9910021		1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® CMO Override Kits

Warranty		5-Year		
Item Number	Style Number	Description	Standard Package	
274126	9012349	Somfy CMO Motor Override Kit (Metric) #9012349	1	
274131	9685114	Somfy CMO Motor Override Shaft 60mm #9685114	1	
273942	9707287	Somfy CMO Motor Override Shaft with Eye 100mm #9707287	1	
274128	9910019	Somfy Limit Setting Tool for Push Down CMO Limit Switches #9910019	1	
274580	9015989	Somfy Sunea RTS CMO Override Kit #9015989	1	

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Transmitters (Remotes)

Warranty		5-Year		
Item Number	Style Number	Description	Color	Standard Package
274834	1870571	Somfy Situo 1-Channel RTS Pure Transmitter #1870571		1
274835	1870575	Somfy Situo 5-Channel RTS Pure Transmitter #1870575		1
274836	1870579	Somfy Situo 5-Channel RTS Soliris Transmitter #1870579		1
274553	1810643	Somfy Telis 1-Channel RTS Patio Transmitter #1810643	Blue / White	1
276663	1811081	Somfy Telis 16-Channel RTS Pure Transmitter #1811081		1
276650	1811082	Somfy Telis 16-Channel RTS Transmitter Silver #1811082	Silver	1
275019	1810652	Somfy Telis 4-Channel RTS Lounge Transmitter Black #1810652		1
274551	1810645	Somfy Telis 4-Channel RTS Patio Transmitter #1810645	Blue / White	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Sensors

Warranty		5-Year		
Item Number	Style Number	Description	Color	Standard Package
274401	1816082	Somfy Eolis RTS 3D WireFree Sensor Black #1816082	Black	1
274400	1816083	Somfy Eolis RTS 3D WireFree Sensor Off-White #1816083	Off-White	1
274395	1816081	Somfy Eolis RTS 3D WireFree Sensor White #1816081	White	1
274275	9012499	Somfy Eolis RTS Wind Sensor Kit 24V Transformer and Plug In Cable #9012499		1
274421	9019617	Somfy Ondeis WireFree RTS Rain and Sun Sensor #9019617		1
274277	9012500	Somfy Soliris RTS Wind/Sun Sensor Kit #9012500		1
274583	1805237	Somfy Telis-1 Pure Chronis Timer #1805237		1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Decoflex, Switches, and Toggles

Warranty		5-Year		
Item Number	Style Number	Description	Color	Standard Package
274990	9018979	Somfy Faceplate DecoFlex 2-Channel White #9018979	White	1
274994	9018981	Somfy Faceplate DecoFlex 3-Channel Ivory #9018981	Ivory	1
274993	9018978	Somfy Faceplate DecoFlex 3-Channel White #9018978	White	1
274997	9018980	Somfy Faceplate DecoFlex 4-Channel Ivory #9018980	Ivory	1
274996	9018977	Somfy Faceplate DecoFlex 4-Channel White #9018977	White	1
270649	1800373	Somfy Switch Decorator Paddle Maintained Single Pole Ivory #1800373	Ivory	1
270674	1800374	Somfy Switch Decorator Paddle Maintained Single Pole White #1800374	White	1
270577	1800380	Somfy Switch Decorator Toggle Maintained Single Pole Ivory #1800380	Ivory	1
270618	1800381	Somfy Switch Decorator Toggle Maintained Single Pole White #1800381	White	1
270639	1800383	Somfy Switch Decorator Toggle Momentary Single Pole White #1800383	White	1
274073	1800375	Somfy Switch Designer Paddle Maintained Double Pole White #1800375	White	1
274828	1811533	Somfy Switch Smoove 1 RTS Pure Wall Switch and Frame #1811533		1
275112	1810899	Somfy Switch Wall DecoFlex 1-Channel Wirefree RTS Black #1810899	Black	1
275105	1810898	Somfy Switch Wall DecoFlex 1-Channel Wirefree RTS Ivory #1810898	Ivory	1
275104	1810897	Somfy Switch Wall DecoFlex 1-Channel Wirefree RTS White #1810897	White	1
275099	1810830	Somfy Switch Wall DecoFlex 5-Channel Wirefree RTS Black #1810830	Black	1
275107	1810814	Somfy Switch Wall DecoFlex 5-Channel Wirefree RTS Ivory #1810814	Ivory	1
275106	1810813	Somfy Switch Wall DecoFlex 5-Channel Wirefree RTS White #1810813	White	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Controls and Home Automation

Warranty		5-Year	
Item Number	Style Number	Description	Standard Package
274287	1810493	Somfy Dry Contact Interface RTS 1 Channel #1810493	1
270466	1811416	Somfy IGC 4-n-1 Individual or Group Control 120v #1811416	1
275033	1810791	Somfy RTS Repeater and Range Expander 120VAC 60Hz #1810791	1
274510	1810627	Somfy RTS Universal Receiver Control #1810627	1
276741	1822440	Somfy SDN Bus and Sensor Power Supply 24VDC 320MA #1822440	1
276740	1870262	Somfy SDN Data Hub #1870262	1
275001	1870470	Somfy TaHoma Ethernet Adaptor #1870470	1
275002	1811731	Somfy TaHoma RTS/Zigbee Smartphone and Tablet Interface #1811731	1
275032	1810872	Somfy Universal RTS Interface II 16-Channel #1810872	1
276729	9018625	Somfy Y-Harness Connector #9018625	1
275003	1800127	Somfy Zigbee Smart Plug and Repeater #1800127	1

Somfy® is a registered trademark of Somfy Systems, Inc.

## Somfy® Light Kits, Solar, and Batteries

Warranty		5-Year		
Item Number	Style Number	Description	Color	Standard Package
274549	9013263	Somfy Battery Wand Wall Mounting Clips #9013263		1
276675	9016736	Somfy Battery Wand Y-Harness Extension Cable #9016736		1
271467	1811506	Somfy LED Light Control Awning Kit Cool White12V (X4 strips) #1811506	Cool White	1
271466	1811491	Somfy LED Light Control Awning Kit Warm White12V (X4 strips) #1811491	Warm White	1
274803	1822445	Somfy Power Supply for CL 32 Cord Lift Motor 12v DC Plug-In with 9.9' Cable #1822445		1
274897	9018685	Somfy Reloadable Battery Tube 8 AA Lithium Batteries not Included #9018685		1
342012	2009608	Somfy Simu AutoSun Motor Complete Kit #2009608 10Nm 12V DC V2		1
276713	9019235	Somfy Solar Rechargeable Battery Wand Kit #9019235		1

Somfy® is a registered trademark of Somfy Systems, Inc.







# Clean, Protect, and Adhere

Taking care of fabric is essential, so help your customers prolong the life of their fabrics with some of the most reliable cleaners, protectants, adhesives, and more.

Adhesives _____	171
Cleaners _____	175
Protectants _____	178



212502

## HH-66 Vinyl Cement

Easily and quickly applied, this cement provides a fast drying and exceptionally strong bond to all types of vinyl coated fabrics, vinyl laminated fabrics, plastics, metals, glass, wood and leather. It can also be used for sealing or waterproofing seams. One ounce provides one square foot of coverage. Shelflife is eighteen months.

Flammable. U.S. domestic ground shipping only.

Item Number	Fabric	Put Up	Standard Package
212500	Vinyl Coated, Vinyl Laminated	8 oz. brushtop can	12
212502	Vinyl Coated, Vinyl Laminated	1 qt. brushtop can	12
212503	Vinyl Coated, Vinyl Laminated	1 gal. can	6
212504	Vinyl Coated, Vinyl Laminated	1 pt. brushtop can	12
212505	Vinyl Coated, Vinyl Laminated	4 oz. brushtop can	12



214326

## HH-66 Thinner

Designed for use with HH-66 Vinyl Cement, this thinner removes unwanted HH-66 from surfaces and can be used to clean brushes, rollers and spray guns.

Flammable. U.S. domestic ground shipping only.

Item Number	Put Up	Standard Package
214326	1 pt. can	1



212402

## HAR Adhesive – 628 For Bonding Neoprene Coated Fabrics

A fast-drying, solvent based contact bond adhesive possessing unusually high strength and outstanding high and low temperature resistance in addition to excellent water, oil, grease, chemical and weather resistance. While primarily designed for bonding Neoprene, acrylic and canvas, this versatile adhesive may be used for bonding a wide variety of synthetic fabrics, rubber stocks, leather, rigid plastics, metals, wood, hardboard and many other porous and non-porous materials. Adhesive 628 applies easily with a brush, roller, trowel, or spray gun. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item Number	Put Up	Standard Package
212402	1 pt. brushtop can	24



212411

## HAR Adhesive – 728 For Bonding Vinyl To Vinyl

A medium, fast-drying solvent-based synthetic resin adhesive designed primarily for bonding supported or unsupported vinyl fabric to itself or to various porous and non-porous materials. This cement is not recommended for laminates. (Adhesive 730 should be used for vinyl laminated fabrics.) Adhesive 728 may also be used for bonding polyurethane, canvas, synthetic fabrics, leather, metals, wood, glass, rigid plastics and some foams. Adhesive 728 applies easily with a brush, roller or spray gun. Adhesive 728 can be used on tarpaulins, awnings, tents, covers, drop cloths, liners, tops, textile bags and in truck and boat repair kits. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item Number	Put Up	Standard Package
212411	4 oz. brushtop can	24
212412	1 pt. brushtop can	24
212414	1 qt. can	6



212420

## HAR Adhesive – 730 For Bonding Vinyl-Laminated Fabrics

A fast-drying, solvent-based synthetic resin adhesive primarily designed for bonding laminated vinyl fabrics. Adhesive 730 may also be used for bonding vinyl-coated fabrics, polyurethane coated fabrics, many synthetic fabrics, canvas, leather, wood, metals, glass and various other products. Adhesive 730 under normal conditions of use will not blister or delaminate laminated vinyl fabrics. Adhesive 730 dried films are tough, flexible, clear, colorless, glossy and non-tacky. Adhesive 730 films are resistant to water, fuels, oils, greases, plasticizers, chemicals and weathering. Adhesive 730 applies easily using a brush, roller or spray gun. The shelf life of Adhesive 730 exceeds one year under normal storage conditions.

Adhesive 730 can be used in the manufacture and repair of tarpaulins, covers, awnings, tents, tops, dropcloths, liners, textile bags, and in boat, truck and pool repair kits. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item Number	Put Up	Standard Package
212420	4 oz. brushtop can	24
212421	1 pt. brushtop can	24



212430

## HAR Adhesive – 740 For Cotton Ducks

A quick-drying (1 hour) adhesive for bonding and repairing various cotton ducks. Apply to one surface only, using paddle or knife. Patch is flexible after drying; some absorption by fabric.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item Number	Put Up	Standard Package
212430	4 oz. brushtop can	24



265801

## HAR Adhesive – 729 Vinyl Seam Sealer

A fast-drying solvent-based synthetic resin adhesive primarily designed for sealing stitched seams on vinyl-coated and laminated fabrics, and many other fabrics. Dried films of Adhesive 729 will show no tackiness up to temperatures over 140° F and will retain flexibility at very low temperatures. Adhesive 729 can be easily applied using a brush, roller or spray gun. One gallon covers approximately 250 to 300 sq. ft. of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item Number	Put Up	Standard Package
265801	4 oz. brushtop can	24
265804	1 qt. can	6



212006

## Tear Mender

Mends instantly. Waterproof. Mends and repairs canvas, tarps, awnings, acrylic material, leather goods, work clothing, and any other material it can penetrate. UV resistant. Contains no harsh or harmful chemicals. Manufactured for a 2-year shelf life.

Tear Mender can be shipped via regular UPS – no hazardous handling fee required. Not shipped when temperatures are below freezing (32° F).

Item Number	Style Number	Put Up	Standard Package
212005	TM-1	2 oz.	12
212006	TG-6H	6 oz.	12
212007	TG-16	16 oz.	12
212012	TG-640	5 gal.	1



212051

## SKP® Super Kwik Patch Repair Tape

Tape used to patch holes or tears in vinyl, vinyl-coated, or vinyl-laminated fabrics. Ideal for repairing tarps, tents, bounce houses, corrugated walls, the inside of refrigerated trucks, and more. Made from 14-oz. coated vinyl with a self-adhesive backside. Simply cut, peel, and press.

Adheres immediately and takes only 24 hours to fully cure. For best results, use on both sides of the material.

Item Number	Color	Material	Put Up
212050	Black	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft.
212060	Black	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft.
212052	Blue	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft.
212062	Blue	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft.
212055	Gray	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft.
212065	Gray	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft.
212054	Green	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft.
212064	Green	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft.
212051	White	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft.
212061	White	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft.

SKP® is a registered trademark of A and R Tarpaulins, Inc.



212041

## Tear-Aid® Patch Retail Kits

Made from an exceptionally tough, matte finish, abrasion resistant, polyurethane elastomer that resists puncture and tearing. It is combined with an aggressive adhesive formulated for high bond strength to a variety of surfaces. Holds air, holds water, won't pull off when stretched, see-thru patch, UV resistant, conforms to irregular surfaces, cuts easily with scissors, and won't turn gummy in high heat.

Type A Repairs: Canvas, most fabrics, rubber, neoprene, most plastics, nylon, fiberglass, stainless steel, aluminum, polyethylene, polypropylene, polyurethane, non-oiled leather, Sunbrella®.

Type B Repairs: Vinyl and vinyl-coated materials. Has a new, unique adhesive that resists the oils in vinyl that cause other adhesives to fail.

Each patch kit contains: (1) 3" x 12" patch that cuts with scissors to any size, (1) 7/8" x 7/8" patch, (1) 1 3/8" x 1 3/8" patch, (1) 12" reinforcement filament for repairing tears at edges, (2) alcohol preparation pads, (1) illustrated instructions and a product repair list. Retail kits include display.

Item Number	Description	Standard Package
212041	Fabric Type A with Display	1
212043	Fabric Type A	1
212040	Variety with Display	1
212042	Vinyl Type B with Display	1
212044	Vinyl Type B	1

Tear-Aid® is a registered trademark of TEARepair Inc. Sunbrella® is a registered trademark of Glen Raven, Inc.





212020

# Tear-Aid® Roll Patches

Repairing torn canvas, nylon, rubber, plastic or vinyl has never been easier with Tear-Aid Roll Patches. Clear, elastic Tear-Aid Roll Patches contain a high performance adhesive preapplied to a rugged backing that allows a tear to recover under pressure. No messy liquid adhesives are needed. All you do is peel and stick.



Tear-Aid Roll Patches are available in two styles – Type A and Type B. Type A is designed for the repair of canvas, nylon, rubber and plastic. Type A should not be used on vinyl or vinyl coated products, as the inherent oils in vinyl will cause the adhesive in Type A to fail prematurely. Type B has been designed specifically for the repair of vinyl or vinyl coated items only, as it contains special adhesives to resist the oils in vinyl that would otherwise cause premature failure.

Tear-Aid Roll Patches also have excellent durability against puncture, moisture, saltwater, sunlight and temperature. Convenient 30 foot rolls, in versatile widths of 3 inch or 6 inch, allow patches to be custom-cut and overlapped for unlimited size and unlimited repair applications, from boat tops, covers and seats, to canvas and vinyl tents and tarpaulins, to awnings, banners and umbrellas.

Item Number	Description	Size	Standard Package
212020	Fabric Type A	3 in. x 30 ft.	1
212022	Fabric Type A	6 in. x 30 ft.	1
212021	Vinyl Type B	3 in. x 30 ft.	1
212023	Vinyl Type B	6 in. x 30 ft.	1

Tear-Aid® is a registered trademark of TEARepair Inc.



214309

## 210® Plastic Cleaner And Polish

Removes marks such as crayons, magic markers and paint over-spray. Cleaning is quick and easy, as 210 doesn't leave streaks or swirl marks. It provides an anti-static/anti-fog coating and seals pores in plastic for a protective coating that makes future cleaning easier. Gives plastic a clear, lustrous look and has a pleasant aroma. Use on a wide variety of surfaces including plastic, acrylic, formica, fiberglass, polycarbonate, PVC, polyester, vinyl and many others.

Item Number	Put Up	Standard Package
214309	14 oz. spray can	1

210® is a registered trademark of Camco Manufacturing.



214310

## 210® Plus Plastic Scratch Remover

An extremely mild abrasive compound in an anti-static/ anti-fog formula. Ideal for the removal of surface scratches and blemishes and for heavy-duty cleaning of all plastic materials. 210 Plus is water soluble and easy to use with superb results.

Item Number	Put Up	Standard Package
214310	15 oz. bottle	1

210® is a registered trademark of Camco Manufacturing.



214091

## 303® Aerospace Protectant™

Regular use of 303 Aerospace Protectant offers 100% prevention of UV-caused slow-fade. No other protectant beautifies as intensely, protects as powerfully or lasts as long. Keeps UV-sensitive materials "like new" year after year. Use on patio furniture accessories, vehicles, sports equipment and more.

Apply only on clean surfaces and for best results use with 303 Multi-Surface Cleaner. To catch overspray, place a drop cloth under or around the surface to be treated. Do not apply in direct sunlight. Spray surface with Aerospace Protectant and wipe completely dry. If streaking occurs, too much product has been applied. Use a wet towel to remove excess, immediately wipe completely dry.

This product does not air dry. Extra buffing with a dry cloth increases bonding, repellency and longevity. Apply every three to five weeks for maximum UV protection.

Item Number	Style Number	Put Up	Standard Package
214091	30340	16 oz. trigger sprayer	6
214093	30320	1 gal. refill	4

303® is a registered trademark of Gold Eagle, Inc.



214080

## 303® Multi-Surface Cleaner™

303 Multi-Surface Cleaner is designed for marine canvas, fabric convertible tops, awnings, indoor and outdoor furniture, carpet and upholstery. It safely removes even the most difficult stains. Rinses residue free. No foam, no fumes, no odor.

To apply, spray directly on spot until wet. Agitate with a soft brush or wet cloth. Using a damp cloth, wipe up stain and excess cleaner, rinsing out the cloth in clean water as necessary. Let surface dry. For heavier soils, increase agitation and soak time. Repeat if necessary.

303 products should not be used on Strataglass™, PanoramaFR or CrystalClear clear vinyl.

303 Multi-Surface Cleaner is endorsed by Glen Raven, Inc. for Sunbrella® fabrics.

Item Number	Style Number	Put Up	Standard Package
214080	30207	32 oz. trigger sprayer	6
214116	30570	1 gal.	8

303® is a registered trademark of Gold Eagle, Inc. Sunbrella® is a registered trademark of Glen Raven, Inc. Strataglass™ is a trademark of Strataglass, LLC.



214349

## 303® Clear Vinyl Protective Cleaner

303 Clear Vinyl Protective Cleaner, an ammonia- and alcohol-free product, is ideal for cleaning and protecting clear vinyl. Streak-free, it cleans and protects against cracking and yellowing.

303 products should not be used on Strataglass™, PanoramaFR or CrystalClear clear vinyl.

Item Number	Style Number	Put Up	Standard Package
214349	30215	32 oz. trigger sprayer	6

303® is a registered trademark of Gold Eagle, Inc.



213980

## IMAR™ #301 Strataglass™ Protective Cleaner

Uniquely formulated to clean, shine and protect Strataglass, PanoramaFR and CrystalClear clear vinyl and its scratch-resistant protective coating. Special UV inhibitors significantly extend the useful life of Strataglass clear vinyl by minimizing the deteriorating effects of sunlight. This helps defeat age-induced brittleness and promotes continued flexibility. Safe to use daily and is recommended to be used often to properly maintain the clarity of Strataglass clear vinyl. Helps rejuvenate the protective properties of IMAR Strataglass Protective Polish #302, which should be used on a less frequent but regular schedule. Use of any cleaner or polish product other than IMAR Strataglass Protective Cleaner and Polish voids the factory warranty.

IMAR #301 Strataglass Protective Cleaner is endorsed by Strataglass, Inc. for Strataglass, PanoramaFR or CrystalClear.

Item Number	Style Number	Put Up	Standard Package
213980	301	4 oz. spray bottle	24
213981	301	16 oz. spray bottle	12
213983	301	1 gal. bottle	4

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



213973

## IMAR™ #603 Stamoid® Marine Vinyl Cleaner

Specially formulated to gently but thoroughly clean Stamoid and other marine vinyls. It will not harm clear vinyls such as Strataglass™, when used according to the instructions. Frequent use is recommended, particularly in areas of high environmental pollutants. Application of IMAR Stamoid Marine Vinyl Protective Cream and IMAR Stamoid Marine Vinyl Protective Spray between cleanings will assure the continued like-new appearance of vinyl products.

Item Number	Style Number	Put Up	Standard Package
213973	603	16 oz. bottle	12

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group. Strataglass™ is a trademark of Strataglass, LLC.



214191

## IOSSO® Mold And Mildew Stain Remover

Removes mold, mildew, algae stain, tough dirt, oils, leaf stains, tree sap, bird droppings, food stains, and blood stains. Recommended for use on awnings, canopies, tents, patio furniture, cushions, umbrellas, spa covers, tarps, boat covers, camping gear, vinyl, plastic and fiberglass. It is gentle to skin and has no harmful vapors. Just add water to the biodegradable, non-chlorine powder and work the solution into the soiled area. One gallon covers up to 150 square feet. The 12 ounce jar makes three gallons of solution. The 65 ounce pail mixes up 16 gallons of solution.

Item Number	Style Number	Put Up	Standard Package
214190	10900	12 oz.	6
214191	10905	65 oz.	4

IOSSO® is a registered trademark of IOSSO Products, Inc.



## IMAR™ #302 Strataglass™ Protective Polish

A polymer-based product formulated to safely clean, polish and protect Strataglass and CrystalClear clear vinyl and its scratch-resistant protective coating. Designed with a unique molecular bonding that creates a nearly invincible protective barrier against the damaging effects of marine environment pollutants. Recommended for use every 2 to 3 months and every 4 to 6 weeks in areas of high fallout. Frequent use of IMAR Strataglass Protective Cleaner #301 between polishing will increase protection by rejuvenating the protective qualities of IMAR Strataglass Protective Polish.



213985

Item Number	Style Number	Put Up	Standard Package
213984	302	4 oz. spray bottle	24
213985	302	16 oz. bottle	12

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.

## IOSSO® E-Z Snap Lubricant

For snaps, zippers, hinges and hardware. Lubricates, waterproofs and reduces friction. It keeps snaps from corroding and locking up. It keeps zippers free flowing. E-Z Snap will not rinse away or dissipate in hot weather. The formula is non-hazardous and does not contain solvents, silicone or Teflon®. Great on boat covers, tents and campers.



214199

Item Number	Style Number	Put Up	Standard Package
214199	10909	1.5 oz.	24

IOSSO® is a registered trademark of IOSSO Products, Inc. Teflon® is a registered trademark of E. I. DuPont Nemours and Company.







# Hardware

## The Right Supplies

At Trivantage®, we carry the tools and top-quality finishing supplies required to get a job done. Need something that can stand up to weather? Our corrosion-resistant marine, awning, and shade sail hardware is built to endure.

Shade Sail and Awning _____	181
Grommets _____	205
Finishing Supplies for Webbing _____	211
Fasteners _____	214
Marine _____	217
Tent and Tarp _____	259
Zippers _____	264
Tools _____	279

# SolaMesh® Shade Sail Hardware

Engineered to work seamlessly with SolaMesh shade sail fabric, SolaMesh hardware is available in a variety of sizes to meet all demands. Made of stainless steel type 316, it is built for lifting and rigging purposes. SolaMesh hardware is backed by a 5-year warranty.

Note: The completed structure should be properly designed by a professional engineer and installed by an experienced contractor in accordance with local building codes. It is the responsibility of the fabricator to determine the right hardware for a specific structure. It is recommended that an anti-seize product like Ultra Tef-Gel Marine Lubricant (Item #214324) be used on turnbuckle threads to reduce binding.

<b>Warranty</b>	5-Year
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Item Number	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Standard Package	Tapped Thread	Thickness	Threaded For Size	Width
207020	Turnbuckle Jaw/Jaw			196 mm (7.72 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	11 mm (0.43 in.)	80				
207021	Turnbuckle Jaw/Jaw			238 mm (9.37 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	12 mm (0.47 in.)	50				
207022	Turnbuckle Jaw/Jaw			324 mm (12.76 in.)	Stainless Steel Type 316	1/each	12 mm (0.44 in.)	14 mm (0.55 in.)	30				
207025	Spring Hook		12 mm (0.47 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	9 mm (0.35 in.)	250				
207026	Spring Hook		15 mm (0.59 in.)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	12 mm (0.47 in.)	120				
207027	Cable Dee Ring	58 mm (2.28 in.)			Stainless Steel Type 316	1/each	6 mm x 50 mm (1/4 in. x 2 in.)		200				52 mm (2.05 in.)
207028	Cable Dee Ring	64 mm (2.52 in.)			Stainless Steel Type 316	1/each	8 mm x 50 mm (5/16 in. x 2 in.)		100			M8	54 mm (2.13 in.)
207029	Cable Dee Ring	70 mm (2.76 in.)			Stainless Steel Type 316	1/each	10 mm x 55 mm (3/8 in. x 2.19 in.)		75			M10	56 mm (2.2 in.)
207030	Dee Ring Thimble	57 mm (2.24 in.)			Stainless Steel Type 316	1/each	6 mm x 50 mm (1/4 in. x 2 in.)		120				64 mm (2.52 in.)
207031	Dee Ring Thimble	62 mm (2.44 in.)			Stainless Steel Type 316	1/each	8 mm x 50 mm (0.31 in. x 2 in.)		100				69 mm (2.72 in.)
207032	Dee Ring Thimble	76 mm (2.99 in.)			Stainless Steel Type 316	1/each	10 mm 65 mm (0.38 in. x 2.56 in.)		50				87 mm (3.43 in.)
207033	Dee Ring	47 mm (1.85 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	6 mm x 50 mm (0.25 in. x 2 in.)		300				
207034	Dee Ring	47 mm (1.85 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	8 mm x 50 mm (0.31 in. x 2 in.)		200				



207020



207023



207025



207027



207030



207033



207035



Item Number	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Standard Package	Tapped Thread	Thickness	Threaded For Size	Width
207035	Triangle	50 mm (1.97 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	6 mm x 50 mm (0.25 in. x 2 in.)		400				
207036	Triangle	50 mm (1.97 in.)		50 mm (1.97 in.)	Stainless Steel Type 316	1/each	8 mm x 50 mm (0.31 in. x 2 in.)		250			M8	
207037	Bow Shackle			32 mm (1.26 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	16 mm (0.63 in.)	250				
207038	Bow Shackle			40 mm (1.57 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	20 mm (0.79 in.)	150				
207039	Bow Shackle			48 mm (1.89 in.)	Stainless Steel Type 316	1/each	12 mm (0.44 in.)	24 mm (0.94 in.)	90				
207040	Dee Shackle			32 mm (1.26 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	16 mm (0.63 in.)	300				
207041	Dee Shackle			40 mm (1.57 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	20 mm (0.79 in.)	150				
207042	Long Dee Shackle			64 mm (2.52 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	16 mm (0.63 in.)	180				
207043	Long Dee Shackle			80 mm (3.15 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	20 mm (0.79 in.)	80				
207044	Twisted Dee Shackle			48 mm (1.89 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	16 mm (0.63 in.)	200				
207045	Twisted Dee Shackle			60 mm (2.36 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	20 mm (0.79 in.)	90				
207046	Diamond Pad Eye			90 mm (3.54 in.)	Stainless Steel Type 316	1/each	90 mm x 55 mm (3.54 in. x 2.17 in.)		90				55 mm (2.17 in.)
207047	Diamond Pad Eye			100 mm (3.94 in.)	Stainless Steel Type 316	1/each	100 mm x 62 mm (4 in. x 2.44 in.)		50				62 mm (2.44 in.)
207048	Diagonal Eye Wall Plate			100 mm (3.94 in.)	Stainless Steel Type 316	1/each	100 mm (3.94")		30				100 mm (3.94 in.)
207049	Diagonal Eye Wall Plate			150 mm (5.91 in.)	Stainless Steel Type 316	1/each	150 mm (5.91")		12				150 mm (5.91 in.)
207050	Eye Bolt, Nut, Washer		20 mm (0.79)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	8 mm x 100 mm (0.31 in. x 4 in.)		240	8 mm (0.31 in.)			
207051	Eye Bolt, Nut, Washer		20 mm (0.79 in.)	150 mm (5.91 in.)	Stainless Steel Type 316	1/each	8 mm x 150 mm (0.31 in. x 6 in.)		200	8 mm (0.31 in.)			

Items continue on next page.



207039



207042



207046



207048



207051



207053



207061

## HARDWARE SHADE SAIL AND AWNING

Item Number	Description	Height	Inside Diameter	Length	Material	Put Up	Size	Size Opening	Standard Package	Tapped Thread	Thickness	Threaded For Size	Width
207052	Eye Bolt, Nut, Washer		23 mm (0.91 in.)	150 mm (5.91 in.)	Stainless Steel Type 316	1/each	10 mm x 150 mm (.38 in. x 6 in.)		100	10 mm (0.39 in.)			
207053	Rope Clamp			33 mm (1.3 in.)	Rope Clamp	1/each	6 mm (0.25 in.)		240				26 mm (1.02 in.)
207056	Thimble		10/16"	26 mm (1.02 in.)	Stainless Steel Type 316	1/each	6 mm (0.25 in.)		500				
207057	Thimble		18 mm (0.71 in.)	33 mm (1.3 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)		350				
207058	Thimble		23 mm (0.91 in.)	48 mm (1.89 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)		300				
207059	Shade Sail Wire Rope				Stainless Steel Type 316	492 ft.	6 mm (0.25 in.)		1				
207062	Eye Bolt		20 mm (0.79 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	8 mm x 80 mm (0.31 in. x 3.15 in.)		230	8 mm (0.31 in.)			
207063	Eye Bolt		23 mm (0.91 in.)	80 mm (3.15 in.)	Stainless Steel Type 316	1/each	10 mm x 80 mm (0.38 in. x 3.15 in.)		180	10 mm (0.39 in.)			
207064	Eye Bolt		25 mm (0.98 in.)	100 mm (3.94 in.)	Stainless Steel Type 316	1/each	12 mm x 100 mm (0.44 in. x 4 in.)		80	12 mm (0.47 in.)			
207066	Snap Hook			53 mm (2.09 in.)	Stainless Steel Type 316	1/each	2 in. x 0.62 in.	16 mm (0.63 in.)	650				
207067	Turnbuckle Eye/Eye			195 mm (7.68 in.)	Stainless Steel Type 316	1/each	8 mm (0.31 in.)	14 mm (0.55 in.)	150				
207068	Turnbuckle Eye/Eye			240 mm (9.45 in.)	Stainless Steel Type 316	1/each	10 mm (0.38 in.)	16 mm (0.63 in.)	80				
207069	Turnbuckle Eye/Eye			310 mm (12.2 in.)	Stainless Steel Type 316	1/each	12 mm (0.44 in.)	18 mm (0.71 in.)	40				
207070	Pad-Eye				Stainless Steel Type 316	1/each		16 mm (0.63 in.)	2000				
207072	External Corner Bracket			76 mm (3 in.)	Stainless Steel Type 316	1/each		13 mm (0.5 in.)			5 mm (0.19 in.)		150 mm (5-29/32 in.)

SolaMesh® is a registered trademark of Glen Raven, Inc.

# Polyfab™ Pro Shade Sail Hardware

This premium line of hardware is ideal for use in tension shade structures such as hip and ridge and tension membrane shade sails. Use in conjunction with HDPE knitted shade cloth or equivalent fabrics. Polyfab Pro hardware is backed by a 5-year warranty.

Note: The finished structure should be properly engineered by a professional engineer and installed by a qualified contractor in accordance with local building codes. It is the responsibility of the fabricator to determine the proper hardware for a particular installation. It is recommended that an anti-seize product such as Ultra Tef-Gel Marine Lubricant (Item #214324) be used on turnbuckle threads to minimize binding.

Please refer to [www.trivantage.com](http://www.trivantage.com) for proper care and cleaning of all Polyfab Pro hardware.

**Warranty** 5-Year



240000



240010



240015



240020



240030



240033



240041



240042



240044



240045

Item Number	Style Number	Description	Height	Length	Material	Put Up	Size	Standard Package	Thickness	Threaded For Size	Width
240116	ZN-ZB14	Deck Post Bracket Set	13.35 in.	13.5 in.	Zinc-Plated Steel	1/each		1	3/16 in.		
240013	SS-SD-08	Polyfab Dee Shackle		32 mm	Stainless Steel Type 316	1/each	8 mm	1		M8	16 mm (opening)
240014	SS-SD-10	Polyfab Dee Shackle		40 mm	Stainless Steel Type 316	1/each	10 mm	1		M10	20 mm (opening)
240015	SS-SLD-08	Polyfab Long Dee Shackle		64 mm	Stainless Steel Type 316	1/each	8 mm	1		M8	16 mm (opening)
240016	SS-SLD-10	Polyfab Long Dee Shackle		80 mm	Stainless Steel Type 316	1/each	10 mm	1		M10	20 mm (opening)
240021	SS-SLT-10	Polyfab Long Twisted Shackle		81 mm	Stainless Steel Type 316	1/each	10 mm	150		M10	20 mm (opening)
240020	SS-SLT-08	Polyfab Long Twisted Shackle		65 mm	Stainless Steel Type 316	1/each	8 mm	280		M8	15.5 mm (opening)
240045	SS-DRG-06	Polyfab Pro Dee Ring			Stainless Steel Type 316	1/each	6 x 50 mm	500			
240046	SS-DRG-08	Polyfab Pro Dee Ring			Stainless Steel Type 316	1/each	8 x 50 mm	300			
240055	SS-DRTH-650	Polyfab Pro Dee Ring Thimble	55 mm		Stainless Steel Type 304	1/each	6 x 50 mm	300			
240056	SS-DRTH-850	Polyfab Pro Dee Ring Thimble	59 mm		Stainless Steel Type 304	1/each	8 x 50 mm	230			
240057	SS-DRTH-1065	Polyfab Pro Dee Ring Thimble	75 mm		Stainless Steel Type 304	1/each	10 x 65 mm	70			
240090	ZN-WPD-100	Polyfab Pro Diagonal Eye Wall Plate		4 in.	Zinc-Plated Steel	1/each	100 mm	1	3/16 in.		4 in.
240091	ZN-WPD-150	Polyfab Pro Diagonal Eye Wall Plate		6 in.	Zinc-Plated Steel	1/each	150 mm	1	3/16 in.		6 in.
240095	SS-PED-90	Polyfab Pro Diamond Pad Eye		90 mm	Stainless Steel Type 304	1/each	80 mm	50			57 mm

Items continue on next page.

**HARDWARE SHADE SAIL AND AWNING**



240048



240050



240055



240059



240067



240080



240081



240083



240090

Item Number	Style Number	Description	Height	Length	Material	Put Up	Size	Standard Package	Thickness	Threaded For Size	Width
240096	SS-PED-100	Polyfab Pro Diamond Pad Eye		100 mm	Stainless Steel Type 304	1/each	100 mm	30			60 mm
240052	SS-DRHD-10	Polyfab Pro Easy-Hold Dee Ring	68.5 mm		Stainless Steel Type 316		10 x 55 mm	1			
240050	SS-DRHD-05	Polyfab Pro Easy-Hold Dee Ring	55.5 mm		Stainless Steel Type 316	1/each	5 x 50 mm	1			
240051	SS-DRHD-08	Polyfab Pro Easy-Hold Dee Ring	62 mm		Stainless Steel Type 316	1/each	8 x 50 mm	300			
240080	ZN-CBEX-100	Polyfab Pro External Corner Bracket			Zinc-Plated Steel	1/each	100 mm	1			
240082	ZN-CBEX-100120	Polyfab Pro External Corner Bracket		4 in.	Zinc-Plated Steel	1/each	100 x 120 mm	10	3/16 in.		5 in.
240113	ZN-CBEX-150	Polyfab Pro External Corner Bracket		6 in.	Zinc-Plated Steel	1/each	150 mm	1	3/16 in.		3 in.
240049	SS-EYBC-10	Polyfab Pro Eye Bolt with Collar	25 mm		Stainless Steel Type 316	1/each	10 mm	1		M10	
240053	SS-EYBC-12	Polyfab Pro Eye Bolt with Collar	30 mm		Stainless Steel Type 316	1/each	12 mm	1		M12	
240047	SS-EYN-10	Polyfab Pro Eye Nut	25 mm	40 mm	Stainless Steel Type 316	1/each	10 mm	1		M10	
240081	ZN-CBIN-100	Polyfab Pro Internal Corner Bracket		4 in.	Zinc-Plated Steel	1/each	100 mm	1	3/16 in.		3 in.
240012	SS-SBF-12	Polyfab Pro Shackle Bow		51 mm	Stainless Steel Type 316	1/each	12 mm	120		M12	
240011	SS-SBF-10	Polyfab Pro Shackle Bow		42.5 mm	Stainless Steel Type 316	1/each	10 mm	200		M10	
240010	SS-SBF-08	Polyfab Pro Shackle Bow		34 mm	Stainless Steel Type 316	1/each	8 mm	450		M8	
240107	SS-HKS-10	Polyfab Pro Spring Hook		100 mm	Stainless Steel Type 316	1/each	10 mm	1			
240106	SS-HKS-08	Polyfab Pro Spring Hook		80 mm	Stainless Steel Type 316	1/each	8 mm	1			
240041	SS-TRI-08	Polyfab Pro Triangle			Stainless Steel Type 316	1/each	8 x 50 mm	350		M8	
240040	SS-TRI-06	Polyfab Pro Triangle			Stainless Steel Type 316	1/each	6 x 50 mm	500		M6	





240094



240095



240106

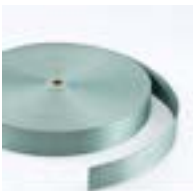


240111

Item Number	Style Number	Description	Height	Length	Material	Put Up	Size	Standard Package	Thickness	Threaded For Size	Width
240005	SS-TBEE-08	Polyfab Pro Turnbuckle Eye/Eye		302 mm (open)	Stainless Steel Type 316	1/each	8 mm	150		M8	
240006	SS-TBEE-10	Polyfab Pro Turnbuckle Eye/Eye		370 mm (open)	Stainless Steel Type 316	1/each	10 mm	100		M10	
240007	SS-TBEE-12	Polyfab Pro Turnbuckle Eye/Eye		492 mm (open)	Stainless Steel Type 316	1/each	12 mm	50		M12	
240002	SS-TBJJ-12	Polyfab Pro Turnbuckle Jaw/Jaw		485 mm (open)	Stainless Steel Type 316	1/each	12 mm	40		M12	
240001	SS-TBJJ-10	Polyfab Pro Turnbuckle Jaw/Jaw		362 mm (open)	Stainless Steel Type 316	1/each	10 mm	80		M10	
240000	SS-TBJJ-08	Polyfab Pro Turnbuckle Jaw/Jaw		290 mm (open)	Stainless Steel Type 316	1/each	8 mm	130		M8	

Polyfab Pro™ is a trademark of Polyfab USA.

## Polyfab™ Shade Sail Edge Webbing



565111

Polyfab Shade Sail Edge Webbing is used for shade structures and shade sails. Matches Polytex®+, Comtex®+ and Architec 400® extra heavy duty knitted shade cloth.

Some items are drop ship only.

Item Number	Average Breaking Strength	Color	Color Number	Put Up	Width
565135	4400 lbf.	Antec Orange	22	109 yd.	2 in.
565129	4400 lbf.	Beige	72	109 yd.	2 in.
565121	4400 lbf.	Black	99	109 yd.	2 in.
565103	4400 lbf.	Blue	50	109 yd.	2 in.
565109	4400 lbf.	Bronze	81	109 yd.	2 in.
565131	4400 lbf.	Cafe Noir	35	109 yd.	2 in.
565113	4400 lbf.	Charcoal	92	109 yd.	2 in.
565123	4400 lbf.	Claret	32	109 yd.	2 in.
565141	4400 lbf.	Fluro Green	67	109 yd.	2 in.
565118	4400 lbf.	Golden Yellow	11	109 yd.	2 in.
565101	4400 lbf.	Midnight Green	62	109 yd.	2 in.
565105	4400 lbf.	Navy Blue	51	109 yd.	2 in.
565115	4400 lbf.	Porcelain	71	109 yd.	2 in.
565139	4400 lbf.	Purple	58	109 yd.	2 in.
565127	4400 lbf.	Red	30	109 yd.	2 in.
565111	4400 lbf.	Sage	19	109 yd.	2 in.
565107	4400 lbf.	Sandstone	73	109 yd.	2 in.
565125	4400 lbf.	Silver Gray	91	109 yd.	2 in.
565119	4400 lbf.	Turquoise	10	109 yd.	2 in.
565133	4400 lbf.	White	01	109 yd.	2 in.
565117	4400 lbf.	Yellow	10	109 yd.	2 in.

Polyfab™ is a trademark of Polyfab USA. Polytex®+, Comtex®+ and Architec 400® are registered trademarks of Polyfab USA.



123004

## Awning Hardware – Elbow

Threaded elbow made of plated, malleable iron.

Item Number	Style Number	For	Standard Package	Threaded For Pipe Size
123003	3	3/4 in. OD Tubing	25	1/2 in. ID
123004	4	1 in. OD Tubing	25	3/4 in. ID
123005	5	1-1/4 in. OD Tubing	25	1 in. ID
123008	8	1 in. and 3/4 in. OD Tubing	25	1/2 in. and 3/4 in. ID



123389

## Awning Hardware – Slip-Fit Square Elbow – Malleable Iron

This Slip-Fit square elbow is made from plated, malleable iron and furnished with set screws. Its square design ensures a better fitting cover. Use to join front bars with end rafters.

Slip-Fit fittings provide a time and labor-saving method to install awnings. No threading is needed as they just slide on or over the pipe frame and are tightened with set screws. They allow rapid adjustment when the piping is not cut to precise size.

Suggested uses: joining right angles of any awning frame assembly.

Item Number	Style Number	Description	For	Number Of Set Screws	Standard Package
123386	285	Includes stainless steel screws	7/8 in. OD tubing, 1/2 in. ID pipe	2	1
123387	287	Includes stainless steel screws	1 in. OD tubing, 3/4 in. ID pipe	2	25
123389	289	Includes stainless steel screws	1-1/4 in. OD tubing, 1 in. ID pipe	2	10

## Awning Hardware – Pin Or Nut End

Threaded Pin/Nut End made of plated, malleable iron. Includes a stainless steel nut. Use with side nut hinge or front cotter hinge

Item Number	Style Number	Standard Package	Threaded For Size
124702	2	25	1/2 in. pipe



124002

## Awning Hardware – Eye End – Malleable Iron

Threaded Eye End made from GEOMET® plated, malleable iron. Placed on the ends of arms and rafters for fastening onto hinges or jaws. Use with side nut hinge or front cotter hinge.

Item Number	Style Number	Standard Package	Threaded For Size	Type
124010	10	25	3/4 in. pipe	Large eye
124007	7	25	1/4 in. pipe or 1/2 in. iron	Large eye
124009	9	25	1/2 in. pipe	Large eye
124012	12	25	1 in. pipe	Small eye
124002	2	25	1/4 in. pipe or 1/2 in. iron	Small eye
124003	3	25	3/8 in. pipe or 5/8 in. iron	Small eye
124004	4	25	1/2 in. pipe	Small eye
124005	5	25	3/4 in. pipe	Small eye

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## Awning Hardware – Slip-Fit Eye End – Malleable Iron



124702

These specially designed Slip-Fit eye ends are made from plated, malleable iron. The fittings are properly proportioned for the greatest rigidity. The small eye permits a snug fit between the eye end, rod, and rafter holder. A 2-inch barrel depth assures greater holding power. The eye end is furnished with a stainless steel set screw.

Slip-Fit fittings offer a labor and time-saving way to build awnings. No threading is required as they simply slip on or over the pipe frame and are tightened with a set screw. They allow fast adjustment when the pipe is not cut to exact length.

Suggested uses: awning pipe frame assemblies, supporting pipe posts.

Item Number	Style Number	For	Maximum Bolt Standard	Number Of Set Screws	Standard Package
124188	286	3/4 in. OD tubing, 1/2 in. ID pipe	1/4 in.	1	25
124190	290	1 in. OD tubing, 3/4 in. ID pipe	7/16 in.	1	25
124191	291	1-1/4 in. OD tubing, 1 in. ID pipe	7/16 in.	1	1



124190

## Awning Hardware – Slip-Fit Adjustable Front Bar



130581

These Slip-Fit adjustable front bars include plated-steel clamps, a zinc die-cast collar, and stainless steel hardware. The interlocking three-piece fitting provides a rigid, low-cost assembly. Simply slip over the pipe and adjust to your desired position by tightening the set screw. With both hands free, you can quickly bolt the bottom section to the top section for a sturdy, reinforced assembly.

Slip-Fit hardware offer a time and labor-saving means to install awnings. No threading is needed as they just slide on or over the piping frame. They permit fast modification when the piping is not cut to exact size.

Suggested uses: awning pipe frames.

Item Number	Style Number	For	Number Of Set Screws	Reducing For Pipe Size	Standard Package
130580	280	1 in. OD tubing, 3/4 in. ID pipe	1 set screw, 1 bolt, 1 nut	3/4 in. pipe	25
130581	281	1-1/4 in. OD tubing, 1 in. ID pipe	1 set screw, 1 bolt, 1 nut	1 in. pipe	25
130582	282	1-1/4 in. OD tubing, 1 in. ID pipe / 1 in. OD tubing, 3/4 in. ID pipe	1 set screw, 1 bolt, 1 nut	3/4 in. pipe	25

## Awning Hardware – Head Rod Clamp – Zinc Die Cast



112501



112505

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. GEOMET® plated, zinc die-cast with stainless steel fasteners.



112504



112509

Item Number	Style Number	For	Size Head Rod	Standard Package
112504	4	Wood	1/2 in. diameter iron	25
112509	6	Wood	1/2 in. diameter iron	25
112501	1	Wood	3/8 in. diameter iron	25
112505	5	Wood	3/8 in. diameter iron	25



112630

## Awning Hardware – Head Rod Clamp – Narrow Base Type – Zinc Die Cast

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. One countersunk hole for wood screw provides quick and solid installation. GEOMET® plated, zinc die-cast with stainless steel machine bolt and wing nut.

Item Number	Style Number	Size Head Rod	Standard Package
112630	30Z	1/2 in. diameter iron	25

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112510

## Awning Hardware – Head Rod Clamp – Roller Curtain Type – Malleable Iron

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. Fastens on inside of porch so that pulleys and pull ropes are on inside of curtain. Can be attached to either face board or ceiling. Plated, malleable iron with stainless steel fasteners.

Item Number	Style Number	For	Size Head Rod	Standard Package
112510	10	Brick	3/8 in. or 1/2 in. diameter iron	25
112521	21	Wood	3/8 in. or 1/2 in. diameter iron	25



112521



140104

## Awning Hardware – Rod And Rafter Holder No. 4

Rod and rafter holders are designed for attaching heads and rafters of patio or stationary awnings, eliminating the need for separate clamps for head rod or hinges for the rafters. Made of GEOMET® plated, malleable iron. Furnished with stainless steel machine bolt and wing nut to hold the head rod, machine screw and square nut, for fastening the rafter.

A combination fixture for application on brick, wood or concrete. It has two countersunk holes for wood screws. There is also a hole for a 5/16 inch or 3/8 inch lag screw. The No. 4 Rod and Rafter Holder is especially suitable for application and installation on narrow trim boards.

Item Number	Style Number	Size Head Rod	Standard Package
140104	4	1/2 in. diameter iron	25

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113234

## Awning Hardware – Slip-Fit Tie Down Clamp – Steel

This Slip-Fit tie down clamp is made from plated, stamped steel with a stainless-steel bolt and hex nut. Tie down clamps are designed to eliminate pocketing of rainwater on stationary or terrace awnings. Their use permits fixed awning covers to be drawn taut. Assembly can be made quickly on new or old awning frames. Also available in aluminum.

Slip-Fit hardware supply a labor and time-saving means to build awnings. No threading is needed as they just slide on or over the piping frame. They allow rapid modification when the piping is not cut to precise size.

Suggested uses: awning pipe frames for fixed awnings.

Item Number	Style Number	For	Front Bar Size	Standard Package
113233	33	1 in. OD Tubing, 3/4 in. ID Pipe	3/4 in. pipe	25
113234	34	1-1/4 in. OD Tubing, 1 in. ID Pipe	1 in. pipe	25





162703

## Awning Hardware – Slip-Fit Adjustable Post Socket – For Brick – Malleable Iron

This Slip-Fit adjustable post socket is furnished with two lag screw holes for attaching to brick. It is made from plated, malleable iron and comes with a stainless steel set screw. Also available in aluminum.

Slip-Fit fittings provide a labor and time-saving means to install awnings. No threading is required as they just slide on or over the pipe structure. They allow fast adjustment when the piping is not cut to exact length.

Suggested uses: awning pipe frames.

Item Number	Style Number	For	Number Of Set Screws	Standard Package
163703	3	1 in. OD tubing, 3/4 in. ID pipe	1	25
163704	4	1-1/4 in. OD tubing, 1 in. ID pipe	1	1

Trivantage® is a registered trademark of Glen Raven, Inc.



163702

## Awning Hardware – Slip-Fit Adjustable Post Socket – For Wood – Malleable Iron

This Slip-Fit adjustable post socket is furnished with four wood screw holes for attaching to wood. It is made from plated, malleable iron and comes with a stainless steel set screw.

Slip-Fit hardware supply a labor and time-saving way to build awnings. No threading is needed as they merely slip on or over the piping structure and are tightened with a set screw. They permit quick adjustment when the piping is not cut to specific length.

Suggested uses: awning pipe frames.

Item Number	Style Number	For	Number Of Set Screws	Standard Package
163702	2	1-1/4 in. OD tubing, 1 in. ID pipe	1	25

Trivantage® is a registered trademark of Glen Raven, Inc.



174377

## Awning Hardware – Slip-Fit Tee

This Slip-Fit tee is made from plated, malleable iron. A special cast lip on the inside of the tee prevents the inserted pipe from interfering with the pipe crossing in the other direction. It is furnished with set screws.

Slip-Fit hardware provide a labor and time-saving way to install awnings. No threading is required as they simply slide on or over the pipe structure and are tightened with set screws. They allow quick adjustment when the pipe is not cut to exact length.

Suggested uses: joining upright posts to front bars, joining rafters to front bars, joining special types of frames (such as carports, carnival booths, etc.).

Item Number	Style Number	Description	Extension	For	Front Bar Size	Number Of Set Screws	Standard Package
174377	277	Includes stainless steel screws	3/4 in. pipe	1 in. OD tubing, 3/4 in. ID pipe	3/4 in. pipe	2	25
174379	279	Includes stainless steel screws	1 in. pipe	1-1/4 in. OD tubing, 1 in. ID pipe		2	1
174380	279	Includes stainless steel screws	1 in. pipe	1-1/4 in. OD tubing, 1 in. ID pipe	1 in. pipe	2	25



173604

## Slip Tee

Plated, malleable Iron. The run is not threaded and can be slipped over the front bar. The extension outlet is tapped.

Item Number	Style Number	Description	Extension Bar Threaded	Front (Slip Fit)	Standard Package
173604	4	With stainless steel set screws	3/4 in. pipe	3/4 in. pipe	25



138102

## Awning Hardware – Spear Head

Made of ductile iron and available in plain or plated finish.

Item Number	Style Number	Description	Size	Standard Package	Threaded For Size
138002	2	Plain	9-1/2 in.	25	1/2 in. pipe
138102	2	Plated	9-1/2 in.	25	1/2 in. pipe



112833

## Awning Hardware – Pipe Clamp – Wrought Steel

Designed for a carriage bolt to prevent bolt head from turning when nut is tightened. Plated. Includes stainless steel bolt unless stated otherwise.

Item Number	Style Number	Description	Bolt Size	For	Standard Package
112833	43	Bolt excluded	5/16 in.	1 in. OD Tubing, 3/4 in. ID Pipe	25
112834	44	Bolt excluded	5/16 in.	1-1/4 in. OD Tubing, 1 in. ID Pipe	25
112842	42	Bolt included	5/16 in.	3/4 in. OD Tubing, 1/2 in. ID Pipe	25
112843	43	Bolt included	5/16 in.	1 in. OD Tubing, 3/4 in. ID Pipe	25
112844	44	Bolt included	5/16 in.	1-1/4 in. OD Tubing, 1 in. ID Pipe	25
112849	44	Bolt included	3/8 in.	1-1/4 in. OD Tubing, 1 in. ID Pipe	25



138615

## Awning Hardware – Bracket Hinge

Plated, die-cast zinc. Furnished with stainless steel machine screw and hex nut. Also available in aluminum.

Item Number	Style Number	Projection	Size	Standard Package
138615	O-B	1 in.	1/4"-20 x 1-1/8" slot Phillips-head drive with 1/4"-20 nut	25



138737

## Awning Hardware – Camelback Hinge – Zinc Die-Cast

Plated, zinc die-cast. Fastens the projection arms of awning frames to a building. Furnished with stainless steel machine screws.

No. 11 is identical in design to the No. 2, but has a round head shoulder screw with "pilot" for holding No. 1 Sheet Brass Grommets.

Item Number	Style Number	Projection	Standard Package
138737	11	11/16 in.	25
238020	2	11/16 in.	25



238020



263913

## Awning Hardware – Round Head Machine Screw

Item Number	Description	For	Material	Size	Standard Package
263913	Round Head Shoulder Screw	No. 11 and C.B. Hinge	Plated Steel	12-24 x 7/8 in.	100
263923	Round Slotted Head Screw	No. 2 C.B. Hinge, No 34. S.S. Hinge	Stainless Steel	12-24 x 3/4 in.	100



263923



139180

## Awning Hardware – Extra Projection Hinge

Made of plated, malleable iron and furnished with a stainless steel machine screw.

Item Number	Style Number	Projection	Standard Package
139180	15	1-1/2 in.	25



139064

## Awning Hardware – Hinge – Stamped Steel

Plated. Furnished with machine screw.

Item Number	Style Number	Gauge	Standard Package
139064	34	14	25



124504

## Awning Hardware – Jaw End With Lag Screw

Used to attach awning frame to a brick surface. Furnished with machine screw and hex nut. Projection is from shoulder of jaw to center of bolt hole in jaw.

Item Number	Style Number	Jaw Opening	Lag Screw Size	Material	Projection	Standard Package	Use Expansion Shield
124504	4	7/16 in.	3/8 in. x 2-1/2 in.	Aluminum Extrusion	1-1/2 in.	25	3/8 in. x 2 in.



147002

## Worm Gear Attachments – Universal Or Knuckle Joint

Used for connecting worm gear drive shaft or for splicing two drive shafts. Made of GEOMET® plated, malleable iron sockets with steel, square knuckles.

Item Number	Style Number	For	Standard Package
147002	2	3/4 in. x 3/4 in. iron	25

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126001

## Worm Gear Attachments – Winding Shaft Eye

Reinforced, cadmium plated, malleable iron eye, easily attaches to winding shaft with M6 (metric) bolt.

Item Number	Style Number	For	Standard Package
126001	1	1/2 in. iron	25
126003	3	3/8 in. pipe	25



158342

## Pulley – Stamped Steel – Swivel Eye

ABS Plastic Single Sheave. Full-bearing, with heavy wire, open end swivel eyes that function smoothly. Sheaves prevent rope from being cut or frayed. Plated.

Item Number	Style Number	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
158340	50	1/8 in.	1/2 in.	25	Single
158341	100	3/16 in.	5/8 in.	25	Single
158342	300	1/4 in.	1 in.	25	Single



256102

## Pulley – Swivel Eye

Made with high grade cast iron swivel eyes and bodies, steel rivets and steel sheaves. Nickel-plated and lacquered for extra rust protection.

Item Number	Style Number	Rope Diameter	Sheave Diameter	Standard Package	Style Sheave
256103	1	5/32 in.	3/4 in.	25	Single
256104	2	5/32 in.	3/4 in.	25	Double
256105	3	1/4 in.	1 in.	25	Single
256106	3/0	1/8 in.	1/2 in.	25	Single
256107	4/0	1/8 in.	1/2 in.	25	Double
256101	5	3/16 in.	1-1/4 in.	25	Single
256102	6	3/8 in.	1-1/2 in.	25	Double



256103

## Track – Steel Curtain Track System – 16 Gauge – Ceiling Support Brackets

Track can be attached to the ceiling support hardware either before or after it is secured to the ceiling. There are no screws or nuts to hold the track in place protruding above the mounting plates. This eliminates the need for spacers or clearance holes in the ceiling. Ceiling support mounting plates (except the 16TBC, item# 206861) have bosses to lock the track in the ceiling support mounting hardware.

Item Number	Style Number	Description	Gauge	Standard Package
206861	16TBC	Ceiling Bracket	16	10
206865	16TSC	Ceiling Bracket	16	10



206861

## Track – Steel Curtain Track System – 16 Gauge – End Stops

End stops are used to prevent trolleys from rolling out of the ends of the track system.

Item Number	Style Number	Gauge	Standard Package
206856	ES	16	50



206856

## Track – Steel Curtain Track System – 16 Gauge – Industrial Curtain Trolley



206834

This 16-gauge galvanized steel system includes a range of products that suspend and anchor the curtain system. A variety of trolleys enable the curtains to roll smoothly.

The track can be attached to the ceiling support hardware either before or after it is secured to the ceiling. No screws or nuts are needed to hold the track in place above the mounting plates. This eliminates the need for spacers or clearance holes in the ceiling. Ceiling support mounting plates (except item# 206861) have bosses to lock the track into the hardware.

Create partitions and privacy with Trivantage® curtain trolley systems.



206868



206844



206867



206839



206866

Item Number	Style Number	Description	Bolt Size	Diameter Hole	Standard Package
206834	B3491-10	Overlapping Trolley with Steel Wheels and Pull Rope – 10 ft.			1
206868	16NR1B	Trolley with Bumper, 2 Nylon Wheels, 1" Hook			1
206867	16STS-4	Trolley with Bumper, 4 Steel Wheels, 1 in. Bolt 3/8-16 Thread	1 in. 3/8-16 Thread		10
206878	16STS-4	Trolley with Bumper, 4 Steel Wheels, 4 in. Bolt 3/8-16 Thread	4 in. 3/8-16 Thread		10
206839	B3427-10	Trolley with Pull Rope – 10 ft.			1
206866	16NR1	Trolley, 2 Nylon Wheels, 1" Hook			5
206835	16NR-1/2	Trolley, 2 Nylon Wheels, 1/2" Hook			1
206844	16SR1	Trolley, 2 Steel Wheels, 1" Hook			1
206877	16SR	Trolley, 2 Steel Wheels, 1-1/2" Height Plate		0.38	1
206845	16OT	Trolley, 4 Steel Overlapping Wheels, 2 1" Hooks			1
206870	16ST1	Trolley, 4 Steel Wheels, 1" Hook			1
206881	16ST	Trolley, 4 Steel Wheels, 2-3/4" Wide Plate, 1-1/2" Height Plate		0.38	1

## Track – Steel Curtain Track System – 16 Gauge – Roller Track

The roller track is roll formed from 16 gauge hot dipped galvanized steel. The trolley wheels roll on the track floor between the outside track wall and the inside safety flange. The ends of the track are punched so that the track splices can lock two adjoining track ends together.



206852

Item Number	Style Number	Gauge	Length	Material	Standard Package
206851	16RT-120	16	10 ft.	Galvanized Steel	250
206852	16RT-240	16	20 ft.	Galvanized Steel	200

## Track – Steel Curtain Track System – 16 Gauge – Curved Track

The standard curved track has end connectors for securing to adjacent sections of the roller track. The standard curve has a two-foot 90-degree radius.



206854

Item Number	Style Number	Description	Gauge	Material	Standard Package
206854	16CT	Curved Track – 90 degree 2 ft. radius	16	Galvanized Steel	25



## Track – Steel Curtain Track System – 16 Gauge – Track Splice

The track splice is used to secure two straight sections of track together.



207881



206863

Item Number	Style Number	Description	Gauge	Material	Standard Package
207881	16TSEC	Edge Clamp	16	Galvanized Steel	1
206863	16TSWMD	Splice Wall Mount Down – 4 in.	16	Galvanized Steel	10
206850	16TSWUSS	Splice Wall Mount Up – 4 in.	16	Stainless Steel Type 304	10
206864	16TSWUMU	Splice Wall Mount Up – 4 in.	16	Galvanized Steel	10
206840	16TSTR	Splice with Angle Bracket	16	Galvanized Steel	1
206855	16TS	Splice – 4 in. with 2 Set Screws	16	Galvanized Steel	10

## Track – Steel Curtain Track System – 16 Gauge – Wall Mount And End Mount Brackets

Wall mount and end mount brackets are used when the track system is running adjacent to a wall.



206859



206841



206833



206862

Item Number	Style Number	Description	Gauge	Standard Package
206859	16EMD	End Mount Down	16	10
206860	16EMU	End Mount Up	16	10
206833	16TBATR	Right Angle Threaded Rod Bracket	16	1
206841	16TBTR	Threaded Rod Bracket	16	1
206862	16TBV	Vertical Bracket	16	10
206857	16TBWMD	Wall Mount Down	16	10
206858	16TBWMU	Wall Mount Up	16	10

## Porcelain Rings

Porcelain Rings are manufactured with a strong and smooth finish for longer rope life.



260981

Item Number	Style Number	Approximate Inside Diameter	Approximate Outside Diameter	Color	Size	Standard Package
260981	1	3/4 in.	1-5/8 in.	Gray	Small	25
260982	2	1 in.	2 in.	Gray	Medium	25

## Ring Clips



117201

Item Number	Style Number	Finish	Standard Package	Thickness	Type	Width
117203	1	Plated Steel	100	0.049 in.	Heavy	15/64 in.
117201	2	Plated Steel	25	0.035 in.	Standard	5/32 in.
117205	3	Stainless Steel	25	0.035 in.	Standard	5/32 in.



214201

## Cleat – Awning

These rope cleats offer strong and durable design for outdoor use.

Item Number	Style Number	For	Length	Material	Number of Holes	Standard Package
214201	1	No. 8 wood screw	4-1/2 in.	Zinc Die-Cast	2	25
266676	2	No. 10 wood screw	6 in.	Zinc Die-Cast	2	100

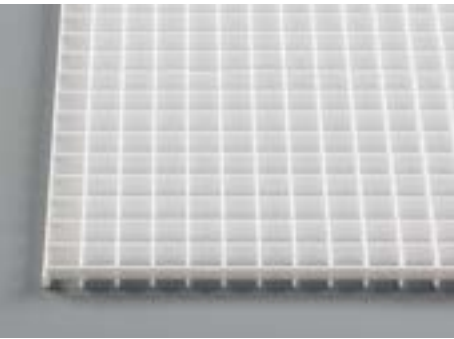


249614

## Curtain Loop – Shower/Bath

Nickel plated steel.

Item Number	Style Number	Size	Standard Package
249614	30570	1 in.	25



Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges.

## Fluorescent Eggcrate Louvers

Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges. UV resistant.

Sold by full case only. Cannot ship UPS.

Item Number	Style Number	Cell Size	Color	Material	Put Up	Standard Package
249700	10	1/2 in. x 1/2 in. x 1/2 in.	White	Acrylic	10/case	1
249705	14	1/2 in. x 1/2 in. x 3/8 in.	White	Acrylic	15/case	1
249720	24	1/2 in. x 1/2 in. x 3/8 in.	White	Styrene	15/case	1



107602

## Bracket – Z

Awning frames can be easily mounted to the wall using our wide array of Z-Brackets. Z-Brackets are made from 1/8" standard or 3/16" heavy duty hot rolled steel. All Z-Brackets are zinc plated and can be powder coated or painted. Each comes with a 3/8" lag hole and a variety of Tek® screw holes. The 1/8" standard thickness Z-Brackets are manufactured with a gusset to provide additional strength.



107610



107604

Item Number	Finish	Length	Round Tube Size	Square Tube Size	Standard Package	Thickness	Width
107613	Zinc Plated	3 in.	2 in.	2 in.	100	1/8 in.	1.5 in.
107602	Zinc Plated	4 in.	1 in.	1 in.	50	3/16 in.	1 in.
107610	Zinc Plated	1 in.	1 in.	1 in.	50	3/16 in.	1 in.
107614	Zinc Plated	3 in.	1-1/4 in.	1-1/4 in.	100	1/8 in.	1.5 in.
107604	Zinc Plated	1.5 in.	1 in.	1 in.	100	1/8 in.	2 in.
107611	Zinc Plated	4.5 in.	1 in.	1 in.	100	1/8 in.	1-1/2 in.
107612	Zinc Plated	3 in.	1.5 in.	1.5 in.	100	1/8 in.	1.5 in.

Teks® is a registered trademark of Illinois Tool Works, Inc.

## Bracket – L



Made from 3/16 inch hot rolled steel. Two holes spaced equally for lagging into mortar are provided to secure bracket to wall. There is also a 3/16 inch hole to accommodate a Teks® screw for fastening the frame. Will accommodate a 3/8 inch lag screw.

107632

Item Number	Finish	Square Tube Size	Standard Package
107632	Zinc Plated	1 in. or 3/4 in.	100

Teks® is a registered trademark of Illinois Tool Works, Inc.

## Head Rod – Electro-Galvanized

In the bending process of making awning frames, this awning iron will not break when bent to right angles. The zinc plating will not chip or flake off during bending. Drawn to full sizes, the iron threads easily and exactly for perfect fitting with pipe-threaded frame fixtures. Also used for lacing and tie down bars, and in conjunction with head rod molding.



244518

Item Number	Diameter	Length	Standard Package	Weight Per Bundle	Weight Per Foot
244516	3/8 in.	20 ft.	17	128 lbs.	0.38 lbs.
244518	1/2 in.	20 ft.	12	160 lbs.	0.67 lbs.
244520	5/8 in.	20 ft.	5	105 lbs.	1.04 lbs.

## Head Rod – Fiberglass

Item Number	Color	Number of Pieces Per Bundle	Size	Standard Package
244616	White	5	3/8 in. x 20 ft.	100 ft. bundle
244625	White	15	1/2 in. x 20 ft.	300 ft. bundle

## Molding – Aluminum Awning

A fast and easy way to install covers. Mill finish, all-aluminum molding that remains in place all year. 6063-T6 aluminum. Cover slides into place easily. 1/4 inch rope is sewn into hem at top of cover. Then, the rope-filled hem slips into the channel of the molding. Allows for easy installation and removal. PE Tubing, Vinyl Welt, or 8.5 m Keder Welt can also be used.

Product is also commonly known as “trailer” molding.

No. 555 Moldings are lighter in weight than No. 777, and are flexible enough to form and bend to varying shapes. Recessed mounting face conforms readily to uneven surfaces.

Item Number	Style Number	Degree of Channel	Flange Size	Height	Length	Overall Height	Rope Size	Standard Package	Thickness	Weight Per Carton	Weight Per Foot	Width
251063	555	180°	0.600 in.		18 ft.	1-1/8 in.	1/4 in. in hem	12	3/64 in.	27 lbs.	0.123 lbs.	
251072	555	180°	0.600 in.	1/2 in.	7.5 ft.	1-1/8 in.	1/4 in.	9	3/64 in.	9 lbs.	0.123 lbs.	1-1/2 in.
251074	777	45°	0.500 in.		7.5 ft.	1-1/4 in.	1/4 in. in hem	9	3/64 in.	12 lbs.	0.160 lbs.	
251073	555	90°	0.600 in.	1/2 in.	7.5 ft.	1-1/8 in.	1/4 in.	9	3/64 in.	9 lbs.	0.124 lbs.	1-1/2 in.
251068	555	90°	0.64 in.		20 ft.	1-1/8 in.	1/4 in. in hem	42	3/64 in.	78 lbs.	0.112 lbs.	



555 180° open molding



555 90° open molding



777 molding

## Welting – Vinyl



578004

Use in place of rope headers on awnings that attach to motor homes, travel trailers, campers and other recreational vehicles. Can be used in conjunction with aluminum awning molding or with the extruded channel already provided by many of the RV manufacturers.

Item Number	Style Number	Color	Put Up	Size
578003	A02-002	White	300 ft.	31/32 in. with 5/16 in. bead
578004	A02-004	Black	300 ft.	31/32 in. with 5/16 in. bead
578098	6022	Black	100 ft.	31/32 in. with 5/16 in. bead

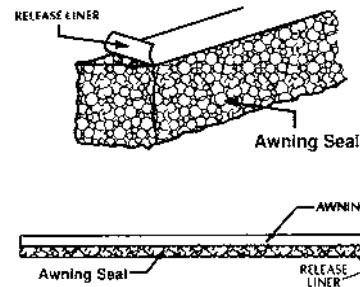


265757

## Emseal UST Awning/Sign Sealant Tape

Why spend time caulking behind awning frames and suffer the frustration of messy jobs, dripped caulk and caulking in bad weather, when all you have to do is apply Awning Foam Sealant to the frame before it's hoisted on the wall?

Available in dimensions to fit most building surfaces, this self-expanding polyester polyurethane foam is filled with water-based stabilized acrylics and will not dry out, shrink or deteriorate when compressed and properly installed. Just peel off the release liner and apply the adhesive side to the back of the awning. This is a continuous seal that is easy to install at ground level, thus providing a safer and more efficient installation atmosphere.



Item Number	Building Surface	Size	Standard Package
265757	Commercial Grade Corrugated Metal	5/16 in. x 3/4 in. x 13.12 ft.	1
265755	Stucco, Block, Brick	5/32 in. x 5/8 in. x 26.24 ft.	1



578054

## Xtreme Seal® Awning Seal

Awning installations are a breeze with Xtreme Seal Awning Seal. Designed for the awning industry as a gasket material between the frame and the mounting surface, Xtreme Seal Awning Seal conforms to the contour of the mounting surface, eliminating the need for silicone and providing a clean finished product. Made of EPDM synthetic rubber, Xtreme Seal Awning Seal also features an adhesive back, saving time and making mounting easy. Sold in full rolls only.

Item Number	Style Number	Color	Put Up
578054	POD-AW	Black	250 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



578095

## Tubing "PE" – Low-Density Polyethylene

Polyethylene tubing for use in the head of awnings, and for marine and tonneau covers when using aluminum awning rail. Will not rot, absorb water, shrink, or unravel.

Item Number	Style Number	Put Up	Size
578095	PEH8321000-6-SP	1000 ft.	1/4 in. OD x 1/8 in. ID

## Molding – Head Rod Molding No. 35/37



117139



124538



124540

Nos. 35 and 37 Head Rod Moldings are designed for use with a 1/2 inch diameter conventional head rod to eliminate the awkward job of threading a rope-filled hem through a slot in the molding. The head rod is merely placed in position and finger clips are tightened to hold the head of the awning under the rainproof lip of the molding. The finger clips ride in a track in the molding and can be adjusted to move laterally right or left.

The advantage of this system is that rafters can be placed precisely, even if the surface is uneven or the mounting supports are not located where the rafters should be, because once the molding is mounted, the rafters can be slid to their proper location.

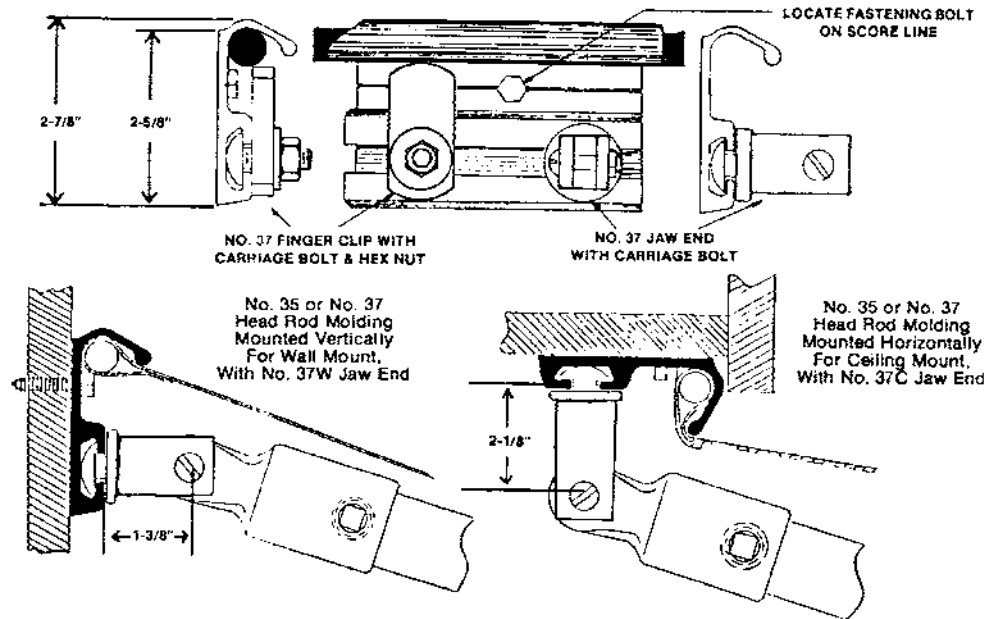
Recommended rafter spacing is 1 1/2 feet in from each side, and then 3 feet to 4 feet centers depending on projection (the longer the rafters, the less the spacing). Awning rafters are attached to special jaw ends that are mounted in a track in the lower side of the molding. The jaw ends can be moved laterally to adjust the rafter width. This is done by turning or tightening the jaw end, which is fitted with a carriage bolt to ride in the same track as the finger clip.

The molding itself is designed so that a bead of caulking compound can be applied to the top length of the molding to prevent water from leaking behind the molding and down the wall.

The No. 35 Molding has the same basic design as the No. 37, but is 25% lighter in weight, with approximately 90% of the No. 37's strength. The No. 37 Finger Clip, No. 37W Jaw End and 1/2 inch Head Rod Clamp can be used with the No. 35 Molding without alteration.

Item Number	Style Number	Description	Length	Standard Package
117139	37	Finger clip assembly. Stainless steel carriage bolt, machine screw, hex nut and washers.		25
124538	37C	Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.		25
124540	37W	Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.		25
251043	35	Molding	20 ft.	8
251040	37	Molding	20 ft.	8

Trivantage® is a registered trademark of Glen Raven, Inc.



For Face or Under Eave Mounting





## Tubing – Aluminum Square

Square and rectangular 6063-T6 extruded mill finish aluminum tubing for awning framing and sign boxes. Both forms are lightweight, and corrosion resistant, offering the best combination of strength, bending and welding characteristics.

275922

Item Number	Length	Size	Standard Package
275922	24 ft.	1 in. x 1 in. x 0.060	288 ft.

### Ceiling Panel Support Members



SMP-2B



SMP-2C



SMP-2BS



SMP-3CP

### Channeled Stapling Members



SMP-1B



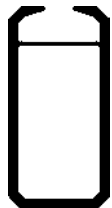
SMP-1C



SMP-1CD



SMP-22B

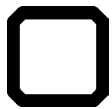


SMP-8C

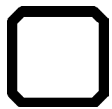


SMP-8B

### Support Members



SMP-4B



SMP-4C



SMP-6



SMP-7

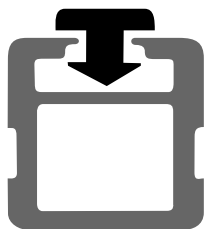
200133

## Steel Stitch™ Aluminum Extrusion

The Steel Stitch System offers flexibility in design and fabrication of interior and exterior awnings, canopies and back-lit signs. The aluminum alloy 6063-T5 mill finish frame system utilizes the “staple-in” method of attaching fabric, which is taken directly from the roll and stapled into a channel in the frame. A PVC finishing trim is then driven into the channel to cover the staples. With the use of divider strips to join sections and the exclusive, patented FlashStrip®, which forms a watertight seal against building surfaces, the result is an attractive, seamless and wrinkle-free awning, canopy or sign.

Item Number	Style Number	Description	Feet Per Bundle	Length	Size	Standard Package
250084	SMP-6	Aluminum Bar	200 ft.	20 ft.	1 in. x 3/16 in.	200
250086	SMP-7	Aluminum Rod	200 ft.	20 ft.	1/2 in. OD	200
250055	SMP-1CD	Tube	250 ft.	25 ft.	1 in. x 1 in. x 0.090 in.	250
250076	SMP-4C	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/10 in.	200
250078	SMP-4C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.	250
250054	SMP-1C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.	250
250074	SMP-4B	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/8 in.	200
250052	SMP-1B	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/8 in.	250
250064	SMP-2C	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/10 in.	250
250058	SMP-2B	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.	250
250062	SMP-2BS	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.	250
250091	SMP-8C	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/10 in.	250
250090	SMP-8B	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/8 in.	250
250068	SMP-3CP	Tube	200 ft.	20 ft.	1 in. x 2-1/2 in. x 1/10 in.	200
250097	SMP-15B	Tube	150 ft.	25 ft.	1-1/2 in. x 1-1/2 in. x 1/8 in.	100
250099	SMP-22B	Tube	150 ft.	25 ft.	2 in. x 2 in. x 1/8 in.	150

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



249917

## Steel Stitch™ ZipStrip®

Designed to cover the staples once the fabric has been stapled into position. Product is driven into the open channel using an air hammer.

Item Number	Color	Color Number	Standard Package
249916	Aquamarine	16	400 ft.
249905	Beige	05	400 ft.
250305	Beige	05	150 ft.
250302	Black	02	150 ft.
249902	Black	02	400 ft.
250333	Bordeaux	33	150 ft.
249934	Bordeaux	33	400 ft.
249926	Bright Blue	26	400 ft.
249930	Bright Orange	30	400 ft.
250324	Bright Red	24	150 ft.
249924	Bright Red	24	400 ft.
250306	Brown	06	150 ft.
249906	Brown	06	400 ft.
249911	Burgundy	11	400 ft.
250311	Burgundy	11	150 ft.
250304	Cream	04	150 ft.
249904	Cream	04	400 ft.
250331	Crystal Clear	31	150 ft.
249931	Crystal Clear	31	400 ft.
249913	Dark Blue	13	400 ft.
250313	Dark Blue	13	150 ft.
250318	Dark Green	18	150 ft.
249918	Dark Green	18	400 ft.
250323	Deep Red	23	150 ft.
249923	Deep Red	23	400 ft.
249929	Golden Yellow	29	400 ft.
250329	Golden Yellow	29	150 ft.
249917	Grass Green	17	400 ft.
250303	Grey	03	150 ft.
249903	Grey	03	400 ft.
250322	Linen	22	150 ft.
249922	Linen	22	400 ft.
249914	Medium Blue	14	400 ft.
250310	Plum	10	150 ft.
249920	Pumpkin	20	400 ft.

Item Number	Color	Color Number	Standard Package
249912	Rouge Red	12	400 ft.
250312	Rouge Red	12	150 ft.
250325	Royal Blue	25	150 ft.
249925	Royal Blue	25	400 ft.
249927	Teal	27	400 ft.
249921	Terra Cotta	21	400 ft.
250321	Terra Cotta	21	150 ft.
249928	Turquoise	28	400 ft.
250332	Violet	32	150 ft.
249933	Violet	32	400 ft.
249901	White	01	400 ft.
250301	White	01	150 ft.
250319	Yellow	19	150 ft.
249919	Yellow	19	400 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation.



249873

## Steel Stitch™ ZipStrip® – Sunbrella® Fabric

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella Acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item Number	Color	Color Number	Standard Package
249879	Beige	6020	160 ft.
249878	Black	6008	160 ft.
249891	Burgundy	6031	160 ft.
249890	Cadet Grey	6030	160 ft.
249896	Captain Navy	6046	160 ft.
249894	Forest Green	6037	160 ft.
249873	Jockey Red	6003	160 ft.
249893	Linen	6033	160 ft.
249876	Navy	6026	160 ft.
249897	Oyster	6042	160 ft.
249871	Pacific Blue	6001	160 ft.
249881	Terracotta	6022	160 ft.
249882	Toast	6028	160 ft.
249880	True Brown	6021	160 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.



249836

## Steel Stitch™ ZipStrip® – Firesist® Fabric

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Firesist fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item Number	Color	Color Number	Standard Package
249837	Admiral Navy	82010	160 ft.
249836	Black	82008	160 ft.
249844	Burgundy	82016	160 ft.
249845	Crimson	82017	160 ft.
249833	Forest Green	82003	160 ft.

ZipStrip® is a registered trademark of Steel Stitch Corp. Firesist® is a registered trademark of Glen Raven, Inc.



249811

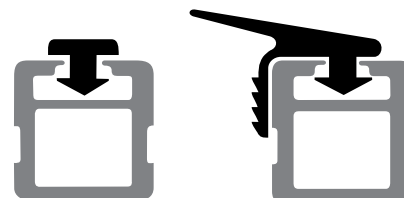
## Steel Stitch™ ZipStrip® – Sunbrella® Fabric with Tenara® Thread

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella Acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam of Tenara thread holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

Item Number	Color	Color Number	Standard Package
249813	Black	4608	160 ft.
249816	Burgundy	4631	160 ft.
249819	Captain Navy	4646	160 ft.

Item Number	Color	Color Number	Standard Package
249808	Charcoal Grey	4644	160 ft.
249818	Forest Green	4637	160 ft.
249811	Jockey Red	4603	160 ft.
249827	Medium Blue	4652	160 ft.
249823	Seagrass Green	4645	160 ft.
249809	Taupe	4648	160 ft.

ZipStrip® is a registered trademark of Steel Stitch Corp. Sunbrella® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



249950

## Steel Stitch™ FlashStrip®

Driven into the back bar to create a secure seal against virtually any building surface. Eliminate the need for labor-intensive caulking by applying a single bead of the sealant to the product prior to installation.

Item Number	Color	Color Number	Standard Package
249950	Crystal Clear	31	125 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



228033



250153



250162



250198



250216

## Steel Stitch™ Accessories

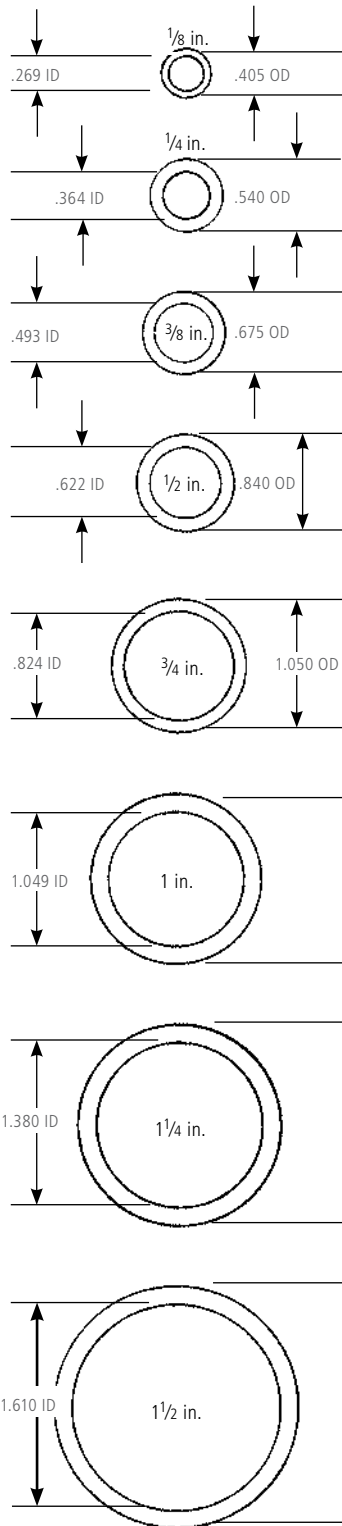
Steel Stitch branded chisel and divergent point staples work with Bea/Behrens (#250213, #250162), Fasco (#250198) and Apach (#250216) staplers.

Item Number	Style Number	Description	For Use With	Gauge	Put Up	Size	Standard Package	Thickness	Weight
250216	LU-9225AC	Apach Stapler with Case				8.8" x 2.3" x 7.8"	1		2.64 lbs.
250162	92/25-553	Bea/Behrens Stapler with Safety					1		
250213	92/25-553	Bea/Behrens Stapler					1		
228035	ASOK151	Danair Hammer O-Ring Kit					1		
228031	T15S	Danair Hammer Replacement Tip, Blue					1		
228033	158	Danair Hammer Replacement Valve					1		
228030	AH15S	Danair Pneumatic Hammer					1		
250198	F21T92-25AST	Fasco Stapler with Safety					1		
250222	805STA12CP	Staples - Steel Stitch Chisel Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	18	8400/box	1/2 in.	1 box	18 gauge	
250205	805STA38CP	Staples - Steel Stitch Chisel Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	18	5000/box	3/8 in.	1 box	18 gauge	
250158	810STA20	Staples - Steel Stitch Divergent Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	18	5000/box	1/2 in.	1 box	18 gauge	
250157	810STA10	Staples - Steel Stitch Divergent Point Galvanized	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	18	5000/box	3/8 in.	1 box	18 gauge	
250202	810STA85	Staples - Steel Stitch Divergent Point Stainless Steel	BeA Stapler (#250213), BeA Stapler with Safety (#250162), Apach Stapler (#250216)	18	5000/box		1 box	18 gauge	
250153		Steel Stitch Grinding Disk					25		

Steel Stitch™ is a trademark of Steel Stitch Corporation.

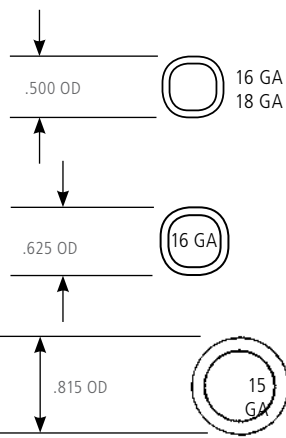
# GATORSHIELD® TUBING – GALVANIZED FINISH STEEL

## Pipe Schedule 40

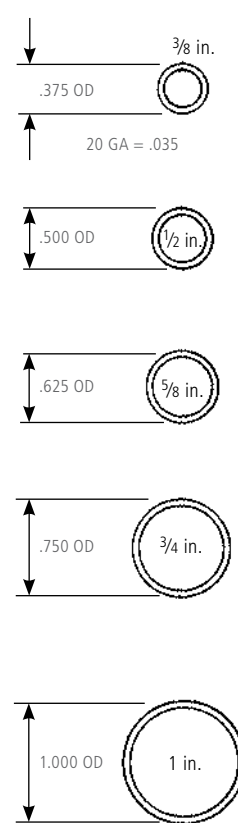


## Gatorshield Wall Size

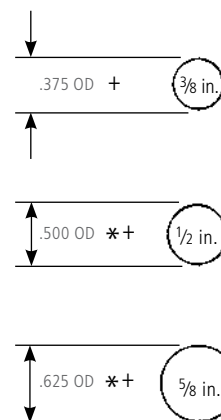
14 GA = .083      18 GA = .049  
 15 GA = .072      20 GA = .035  
 16 GA = .065



## Mechanical Tubing (Numerous wall sizes available)



## Awning Iron



ID = Inside Diameter  
 OD = Outside Diameter  
 \* = Available in Aluminum Headrod  
 + = Available in Fiberglass Headrod

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.



# Gatorshield® – Galvanized Finish Steel Tubing

Gatorshield steel tubing offers triple layer corrosion protection on the exterior surface consisting of zinc, a conversion coating and a clear organic topcoat. The interior is fully covered with a corrosion-resistant zinc coating. Independent tests have proven our steel tubing offers dramatically higher corrosion resistance than other products being marketed for awning framework.

Item Number	Approximate Weight Per Piece	Feet Per Bundle	Gauge	Lbs Per Foot	Length	Pieces Per Bundle	Shape	Size Outside Diameter	Standard Package	Weight Per Bundle
276062	21.800 lbs.	740 ft.	14	1.09 lbs.	20 ft.	37	Round	1.315	37	807 lbs.
276086	12.600 lbs.	1200 ft.	18	0.63 lbs.	20 ft.	60	Square	1 in.	60	561 lbs.

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.



254160

## Touch Up Paint – Gatorshield®

Item Number	Put Up	Standard Package
254160	12-oz aerosol can	12

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.



233795

## Grommets – DOT® with Plain Washer

Item Number	Style Number	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233707	0		22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	25 gross
233715	0	Government Black	22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	25 gross
233727	0	Nickel Plated	22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	25 gross
233777	00		22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	1 gross
233700	00		22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	25 gross
233787	00	Government Black	22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	1 gross
233699	00	Government Black	22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	25 gross
233795	00	Nickel Plated	22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	1 gross
233730	00	Nickel Plated	22-RHT00GR (#223530)	3/16 in.	22-RBS-00GR (#223561)	Brass	25 gross
233746	1		22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	1 gross
233708	1		22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233716	1	Government Black	22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233731	1	Nickel Plated	22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233709	2		22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233728	2	Nickel Plated	22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233710	3		22-RHT3GR (#223534)	7/16 in.	22-RBS-3GR (#223564)	Brass	25 gross
233718	3	Government Black	22-RHT3GR (#223534)	7/16 in.	22-RBS-3GR (#223564)	Brass	25 gross
233729	3	Nickel Plated	22-RHT3GR (#223534)	7/16 in.	22-RBS-3GR (#223564)	Brass	25 gross
233711	4		22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	25 gross
233719	4	Government Black	22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	25 gross
233732	4	Nickel Plated	22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	25 gross
233778	5		22-RHT5GR (#233536)	5/8 in.	22-RBS-5GR (#223566)	Brass	1 gross
233692	5		22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	25 gross
233697	5	Government Black	22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	25 gross

Item Number	Style Number	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233796	5	Nickel Plated	22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	1 gross
233733	5	Nickel Plated	22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	25 gross
233779	6		22-RHT6GR (#223537)	13/16 in.	22-RBS-6GR (#223567)	Brass	1 gross
233693	6		22-RHT6GR (#223537)	13/16 in.	22-RBS-6GR (#223567)	Brass	10 gross
233797	6	Nickel Plated	22-RHT6GR (#223537)	13/16 in.	22-RBS-6GR (#223567)	Brass	1 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Grommets – DOT® with Plain Washer (Washer Only)

Item Number	Style Number	Material	Standard Package
233508	4	Brass	25 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Grommets – DOT® with Tooth Washer



233781

Item Number	Style Number	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233780	0		22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	1 gross
233694	0		22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	25 gross
233788	0	Government Black	22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	1 gross
233736	0	Government Black	22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	25 gross
233970	0	Nickel Plated	22-RHT0GR (#223531)	1/4 in.	22-RBS-0GR (#223562)	Brass	1 gross
233781	1		22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	1 gross
233695	1		22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233737	1	Government Black	22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233971	1	Nickel Plated	22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	1 gross
233687	1	Nickel Plated	22-RHT1GR (#223532)	9/32 in.	22-RBS-1GR (#223563)	Brass	25 gross
233712	2		22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233720	2	Government Black	22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233688	2	Nickel Plated	22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233713	3		22-RHT3GR (#223534)	7/16 in.	22-RBS-3GR (#223564)	Brass	25 gross
233682	3	Government Black	22-RHT3GR (#223534)	1/4 in.	22-RBS-3GR (#223564)	Brass	1 gross
233721	3	Government Black	22-RHT3GR (#223534)	7/16 in.	22-RBS-3GR (#223564)	Brass	25 gross
233714	4		22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	25 gross
233790	4	Government Black	22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	1 gross
233775	4	Nickel Plated	22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	1 gross
233689	4	Nickel Plated	22-RHT4GR (#223535)	1/2 in.	22-RBS-4GR (#223565)	Brass	25 gross
233782	5		22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	1 gross
233696	5		22-RHT5GR (#223536)	5/8 in.	22-RBS-5GR (#223566)	Brass	25 gross

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## Grommets – DOT® Rolled Rim with Spur Washer



234428

Item Number	Style Number	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233636	0		22-RHTORR (#223540)	9/32 in.	22-RBS-ORR (#223570)	Brass	25 gross
233722	0	Government Black	22-RHTORR (#223540)	9/32 in.	22-RBS-ORR (#223570)	Brass	25 gross
233641	0	Nickel Plated	22-RHTORR (#223540)	9/32 in.	22-RBS-ORR (#223570)	Brass	25 gross
234375	0		22-RHTORR (#223540)	9/32 in.	22-RBS-ORR (#223570)	Stainless Steel	1 gross
233637	1		22-RHT1RR (#223541)	13/32 in.	22-RBS-1RR (#248212)	Brass	25 gross
233723	1	Government Black	22-RHT1RR (#223541)	13/32 in.	22-RBS-1RR (#248212)	Brass	25 gross
234426	1	Nickel Plated	22-RHT1RR (#223541)	13/32 in.	22-RBS-1RR (#248212)	Brass	1 gross
233642	1	Nickel Plated	22-RHT1RR (#223541)	13/32 in.	22-RBS-1RR (#248212)	Brass	25 gross
234376	1		22-RHT1RR (#223541)	13/32 in.		Stainless Steel	1 gross
234428	2		22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	1 gross
233638	2		22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	25 gross
234430	2	Government Black	22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	1 gross
233724	2	Government Black	22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	25 gross
234429	2	Nickel Plated	22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	1 gross
233643	2	Nickel Plated	22-RHT2RR (#223542)	7/16 in.	22-RBS-2RR (#223499)	Brass	25 gross
234377	2		22-RHT2RR (#223542)	3/8 in.	22-RBS-2RR (#223499)	Stainless Steel	1 gross
234431	3		22-RHT3RR (#223543)	15/32 in.	22-RBS-3RR (#223571)	Brass	1 gross
233639	3		22-RHT3RR (#223543)	15/32 in.	22-RBS-3RR (#223571)	Brass	25 gross
233725	3	Government Black	22-RHT3RR (#223543)	15/32 in.	22-RBS-3RR (#223571)	Brass	25 gross
233644	3	Nickel Plated	22-RHT3RR (#223543)	15/32 in.	22-RBS-3RR (#223571)	Brass	25 gross
234378	3		22-RHT3RR (#223543)	5/32 in.	22-RBS-3RR (#223571)	Stainless Steel	1 gross
233640	4		22-RHT4RR (#223544)	9/16 in.	22-RBS-4RR (#223572)	Brass	25 gross
234436	4	Government Black	22-RHT4RR (#223544)	9/16 in.	22-RBS-4RR (#223572)	Brass	1 gross
233726	4	Government Black	22-RHT4RR (#223544)	9/16 in.	22-RBS-4RR (#223572)	Brass	25 gross
233645	4	Nickel Plated	22-RHT4RR (#223544)	9/16 in.	22-RBS-4RR (#223572)	Brass	25 gross
234379	4		22-RHT4RR (#223544)	1/2 in.	22-RBS-4RR (#223572)	Stainless Steel	1 gross
233783	5		22-RHT5RR (#223545)	5/8 in.	22-RBS-5RR (#223573)	Brass	1 gross
233653	5		22-RHT5RR (#223545)	5/8 in.	22-RBS-5RR (#223573)	Brass	25 gross
233928	5	Nickel Plated	22-RHT5RR (#223545)	5/8 in.	22-RBS-5RR (#223573)	Brass	1 gross
233652	5		22-RHT5RR (#223545)	5/8 in.	22-RBS-5RR (#223573)	Stainless Steel	1 gross

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## Grommets – DOT® Self-Piercing with Plain Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.



233958

Item Number	Style Number	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233958	0		Does not function with hand tools	1/4 in.	22-RBS-OSP (#223464)	Brass	500
233959	1		Does not function with hand tools	5/16 in.	22-RBS-1SP (#223465)	Brass	500
233960	2		Does not function with hand tools	3/8 in.	22-RBS-2SP (#223466)	Brass	500
233957	2	Nickel Plated	Does not function with hand tools	3/8 in.	22-RBS-2SP (#223466)	Brass	500
233961	3		Does not function with hand tools	7/16 in.	22-RBS-3SP (#223467)	Brass	500
233956	3	Nickel Plated	Does not function with hand tools	7/16 in.	22-RBS-3SP (#223467)	Brass	500

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## Grommets – DOT® Self-Piercing Rolled Rim with Spur Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.



233890

Item Number	Style Number	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233890	0	Does not function with hand tools	1/4 in.	22-RNS-0RR (#223468)	Stainless Steel	1 gross
233891	1	Does not function with hand tools	5/16 in.	22-RNS-1RR (#223469)	Stainless Steel	1 gross
233897	1	Does not function with hand tools	5/16 in.	22-RNS-1RR (#223469)	Stainless Steel	25 gross
233892	2	Does not function with hand tools	3/8 in.	22-RNS-2RR (#223470)	Stainless Steel	1 gross
233898	2	Does not function with hand tools	3/8 in.	22-RNS-2RR (#223470)	Stainless Steel	25 gross
233893	3	Does not function with hand tools	7/16 in.	22-RNS-3RR (#223513)	Stainless Steel	1 gross
233894	4	Does not function with hand tools	1/2 in.	22-RNS-4RR (#223471)	Stainless Steel	1 gross
233895	5	Does not function with hand tools	5/8 in.	22-RNS-5RR (#223472)	Stainless Steel	1 gross
233901	5	Does not function with hand tools	5/8 in.	22-RNS-5RR (#223472)	Stainless Steel	25 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Grommets – DOT® Sheet Metal

Constructed of heavy-duty materials, DOT Grommets and Washers are designed to provide reliable hole reinforcement. These high-quality grommets and washers conform to stringent commercial specifications. Trivantage® also offers a wide range of setting options to meet customers' unique requirements.

Item Number	Style Number	Description	Finish	Hole Size After Setting	Material	Standard Package
234409	0	Grommet and Neck Washer	Government Black	1/4 in.	Brass	1 gross
234408	0	Grommet and Neck Washer	Nickel	1/4 in.	Brass	1 gross
234404	00	Grommet and Neck Washer		3/16 in.	Brass	1 gross
234406	00	Grommet and Neck Washer	Government Black	3/16 in.	Brass	1 gross
234405	00	Grommet and Neck Washer	Nickel	3/16 in.	Brass	1 gross
234410	1	Grommet and Plain Washer		9/32 in.	Brass	1 gross
234412	1	Grommet and Plain Washer	Government Black	9/32 in.	Brass	1 gross
234411	1	Grommet and Neck Washer	Nickel	9/32 in.	Brass	1 gross
234413	2	Grommet and Neck Washer		3/8 in.	Brass	1 gross
234395	2	Grommet and Tooth Washer		3/8 in.	Brass	1 gross
234386	2	Grommet and Plain Washer		3/8 in.	Brass	1 gross
234415	2	Grommet and Plain Washer	Government Black	3/8 in.	Brass	1 gross
234388	2	Grommet and Plain Washer	Government Black	3/8 in.	Brass	1 gross
234397	2	Grommet and Tooth Washer	Government Black	3/8 in.	Brass	1 gross
234414	2	Grommet and Neck Washer	Nickel	3/8 in.	Brass	1 gross
234416	3	Grommet and Neck Washer		7/16 in.	Brass	1 gross
234389	3	Grommet and Plain Washer		7/16 in.	Brass	1 gross
234398	3	Grommet and Tooth Washer		7/16 in.	Brass	1 gross
234418	3	Grommet and Neck Washer	Government Black	7/16 in.	Brass	1 gross
234417	3	Grommet and Neck Washer	Nickel	7/16 in.	Brass	1 gross
234390	3	Grommet and Plain Washer	Nickel	7/16 in.	Brass	1 gross
234419	4	Grommet and Neck Washer		1/2 in.	Brass	1 gross
234401	4	Grommet and Tooth Washer		1/2 in.	Brass	1 gross
234394	4	Grommet and Plain Washer	Government Black	1/2 in.	Brass	1 gross

Items continue on next page.

Item Number	Style Number	Description	Finish	Hole Size After Setting	Material	Standard Package
234421	4	Grommet and Neck Washer	Government Black	1/2 in.	Brass	1 gross
234403	4	Grommet and Tooth Washer	Government Black	1/2 in.	Brass	1 gross
234420	4	Grommet and Neck Washer	Nickel	1/2 in.	Brass	1 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Grommets – DOT® Special Brass And Washers

Item Number	Style Number	Description	Finish	Hand Tools Part Number	Hole Size After Setting	Machine Tools Part Number	Material	Standard Package
233734	0	Grommet with A1197 Washer	Nickel Plated		1/4 in.		Brass	25 gross
233656	1	Grommet with A1340 Neck Washer			9/32 in.		Brass	25 gross
233704	1	Grommet with A1340 Neck Washer	Government Black		9/32 in.		Brass	25 gross
233705	1	Grommet with A1340 Neck Washer	Nickel Plated		9/32 in.		Brass	25 gross
233706	2	Grommet with A3630 Washer			3/8 in.		Brass	25 gross
233702	2	Grommet with A3630 Washer	Nickel Plated		3/8 in.		Brass	25 gross
233198	4	Grommet with Neck Washer			1/2 in.		Brass	25 gross
233944	2J	Grommet with Neck Washer		22-RHT2GR (#223533)	3/8 in.	22-RBS-2JGR (#223569)	Brass	25 gross
233946	2J	Grommet with Plain Washer		22-RHT2GR (#223533)	3/8 in.	22-RBS-2JGR (#223569)	Brass	1 gross
233945	1J	Grommet with Plain Washer		22-RHT2GR (#223532)	9/32 in.	22-RBS-1JGR (#223568)	Brass	1 gross
233948	2J	Grommet with Plain Washer		22-RHT2GR (#223533)	3/8 in.	22-RBS-2JGR (#223569)	Brass	25 gross
233947	1J	Grommet with Plain Washer		22-RHT2GR (#223532)	9/32 in.	22-RBS-1JGR (#223568)	Brass	25 gross
233717	2	Grommet with Plain Washer	Government Black	22-RHT2GR (#223533)	3/8 in.	22-RBS-2GR (#223505)	Brass	25 gross
233979	2	Grommet with Special Lube Washer			3/8 in.		Brass	25 gross
233455	4	Rolled Rim Grommet (Washer Not Included)	Nickel Plated		1/2 in.		Brass	125 gross drum
233479	4	Spur Washer (Grommet Not Included)	Nickel Plated		9/16 in.		Brass	125 gross drum
233283	2	Spur Washer (Washer Only)			7/16 in.		Brass	25 gross

DOT® is a registered trademark of Scovill Fasteners, Inc.



## Grommets – Sharpened Edge with Small Tooth Locking Channel Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item Number	Style Number	Finish	Hole Size After Setting	Material	Standard Package
233071	1	Nickel Plated	5/16 in.	Brass	500
233566	2	Nickel Plated	3/8 in.	Brass	500
233567	3	Nickel Plated	7/16 in.	Brass	100

## Grommets – Self-Piercing with Plain Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item Number	Style Number	Hole Size After Setting	Material	Standard Package
235413	1	5/16 in.	Stainless Steel	500
235414	2	3/8 in.	Stainless Steel	500

## Grommets – Self-Piercing Rolled Rim with Spur Washer

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

Item Number	Style Number	Finish	Hole Size After Setting	Material	Standard Package
233024	1	Nickel Plated	3/8 in.	Brass	250
233025	2	Nickel Plated	7/16 in.	Brass	250



502109

## E-Z Lace Supreme®

E-Z Lace Supreme eliminates the need to insert grommets. A 1 inch re-enforced side hole size makes lacing that much easier and quicker, while the 3 inch center spacing of the holes greatly increases manufacturing design flexibility. E-Z Lace Supreme also has a specialized and durable finish that resists mildew and ultraviolet rays, significantly increasing long-term strength and durability.

Item Number	Style Number	Color	Material	Put Up	Width
502108	6608	Black	42% Solution-Dyed Acrylic, 58% Solution-Dyed Polyester	50 yd.	2-1/8 in.
502109	6630	Cadet Grey	42% Solution-Dyed Acrylic, 58% Solution-Dyed Polyester	50 yd.	2-1/8 in.
502111	6637	Forest Green	42% Solution-Dyed Acrylic, 58% Solution-Dyed Polyester	50 yd.	2-1/8 in.
502112	6604	Natural	42% Solution-Dyed Acrylic, 58% Solution-Dyed Polyester	50 yd.	2-1/8 in.

E-Z Lace Supreme® is a trademark of Offray Specialty Narrow Fabrics.



207724

## Buckles – “Push-Button”

Item Number	Style Number	Finish	For Use With	Material	Standard Package	Webbing Size
207723	#6105		1 in. Webbing	Stainless Steel	100	1 in.
207721	#6105		1-1/2 in. Webbing	Stainless Steel	100	1-1/2 in.
207671	#6105	Black Enamel	1 in. Webbing	Steel	100	1 in.
207724	#6105	Nickel Plated	1 in. Webbing	Steel	100	1 in.
207722	#6105	Nickel Plated	1-1/2 in. Webbing	Steel	100	1-1/2 in.
207668	#6105	Zinc Plated	1 in. Webbing	Steel	100	1 in.



207652



207680

## Buckles – For Nylon Or Polyester Webbing

A 1 inch non-slip buckle developed to provide a positive hold on very smooth nylon or polyester webbing when webbing is threaded through the buckle.

Item Number	Style Number	Finish	For Use With	Material	Standard Package	Webbing Size
207652	#1020	Nickel Plated	1 in. Webbing	Steel	100	1 in.
207680	#4042	Nickel Plated	1 in. Webbing	Steel	100	1 in.



207558

## Buckles – Single Bar

For 1 inch webbing. Sheet brass, black finish. Meets Mil-B-543 Type 1, Style 2, Class 1.

Item Number	Style Number	Finish	For Use With	Material	Standard Package	Webbing Size
207558	#146	Government Black	1 in. Webbing	Brass	100	1 in.

## Buckles – Tongueless

Dependable and sturdy buckles with a firm locking toothed slide. Made of the finest grade stamped steel.



207508



207512



207516

Item Number	Style Number	Finish	For Use With	Material	Standard Package	Type	Webbing Size
207512	#2690	Cadmium Plated	1-1/2 in. Webbing	Steel	50	Type 1, 2, 3	1-1/2 in.
207517	#5270	Nickel Plated	2 in. Webbing	Steel	100	Type 1, 2, 3	2 in.
207516	#5270	Zinc Plated	2 in. Webbing	Steel	50	Type 1, 2, 3	2 in.

## Clip And Dee



260441

Item Number	Style Number	Finish	Inside Dimension Width	Length	Material	Size	Size Hole	Standard Package
213820	1954		3/4 in.	1-3/8 in.	Stainless Steel		0.201 in.	1000
260441	1954	Nickel Plated	3/4 in.		Steel	1-3/8 in.	0.201 in.	1000

## Footman Loop

Made of zinc-plated steel.



249216

Item Number	Diameter Hole	Standard Package	Webbing Size
249108	7/32 in.	100	1 in.
249114	7/32 in.	100	1-1/2 in.
249116	1/4 in.	100	2 in.

## Webbing Loop

Made of nickel-plated steel.



295565

Item Number	Style Number	Size	Standard Package	Type
295560	4950	1 in. x 7/16 in.	100	Unwelded
295565	69900	2 in. x 7/16 in.	100	Unwelded

## Triangle Ring



275703

Item Number	Finish	Material	Size	Standard Package
275703	Nickel Plated	Steel	1-1/2 in. x 1-1/2 in. x 1-1/2 in.	100



260511

## Dee Ring – Zinc Die-Cast

Item Number	Style Number	Description	Inside Dimension Height	Inside Dimension Width	Material	Standard Package	Wire Diameter
260511	45204	Non-Welded	8/9 in.	1 in.	Zinc Die-Cast	1000	0.154 in.



260527

## Dee Ring – Zinc Plated

Made of steel wire, with a zinc plating.

Item Number	Style Number	Description	Inside Dimension Height	Inside Dimension Width	Standard Package	Wire Diameter
260507	563	Non-Welded	5/8 in.	3/4 in.	500	0.135 in.
260508	563	Non-Welded	7/8 in.	1 in.	200	0.135 in.
260512	563	Non-Welded	1-3/16 in.	1-1/2 in.	200	0.148 in.
260527	3250	Welded	3/4 in.	7/8 in.	100	0.207 in.
260528	3250	Welded	7/8 in.	1 in.	100	0.207 in.
260529	3250	Welded	1 in.	1-1/8 in.	100	0.207 in.
260530	3250	Welded	1-1/8 in.	1-1/4 in.	100	0.243 in.
260532	3250	Welded	1-5/16 in.	1-1/2 in.	50	0.253 in.
260534	3250	Welded	1-1/2 in.	1-3/4 in.	50	0.262 in.
260536	3250	Welded	1-5/8 in.	2 in.	50	0.262 in.



260500

## Dee Ring – Nickel Plated

Item Number	Style Number	Description	Finish	Inside Dimension Height	Inside Dimension Width	Material	Standard Package	Wire Diameter
260500	3250	Welded	Nickel Plated	1-3/5 in.	2 in.	Steel	500	0.260 in.
260502	563	Non-Welded	Nickel Plated	3/4 in.	1 in.	Steel	200	0.135 in.
260503	563	Non-Welded	Nickel Plated	5/8 in.	3/4 in.	Steel	500	0.135 in.



295531

## Webbing – 3 Bar Slide

Made of stamped steel, nickel plated. Used for garments, parkas, outerwear, equestrian equipment, horse blankets.

Item Number	Style Number	Size	Standard Package
295531	02300	1 in.	500
295532	02300	1-1/2 in.	500
295534	02300	2 in.	500
295537	03300	2 in.	200



295537

## Webbing – Tip For Types I And II Webbing

Flat type. Nickel plated steel.

Item Number	Style Number	Size	Standard Package
274908	1	1 in.	1000



274908

## Webbing – Tip For Types I, II And III Webbing

Ball type. Brass with black finish. Meets Government Specifications MIL-C-496.



275008

Item Number	Style Number	Size	Standard Package
275008	149	1 in.	1000

## ACW Side Release Buckles



207701

Item Number	Style Number	Description	Color	Material	Standard Package	Webbing Size
207701	91514 BSR	Side Release Buckle	Black	Acetal	100	1 in.

## Fastex® Side Release Buckle

Can be used on backpacks, camera bags, and many other fastening applications.



585060

Item Number	Color	Material	Standard Package	Webbing Size
585030	Black	Acetal	100	1 in.
585060	Black	Acetal	100	1-1/2 in.
585075	Black	Acetal	100	2 in.
585015	Black	Acetal	100	3/4 in.
585031	White	Acetal	100	1 in.

Fastex® is a registered trademark of ITW.

## Fastex® Ladderloc™

Can be used on backpacks, camera bags, and many other fastening applications.



585215

Item Number	Style Number	Color	Material	Standard Package	Webbing Size
585215	154-0075	Black	Acetal	100	3/4 in.
585270	104-2200	Black	Acetal	100	2 in.
585283	154-3100-5614	Black	Acetal	1000	1 in.

Fastex® is a registered trademark of ITW.

## ACW Cam Buckles



207720

Item Number	Style Number	Color	Material	Standard Package	Webbing Size
207720	91390 CB	Black	Acetal	100	1 in.





586430

## Fastex® Cam Buckle

This versatile buckle works with a camming action directly against webbing. It provides easy adjustment and high security at the same time and is suitable for a wide range of webbing applications. One-handed quick release.

Item Number	Color	Color Number	Material	Standard Package	Webbing Size
586430	Black	525	Acetal	100	1 in.

Fastex® is a registered trademark of ITW.



586110

## Fastex® Barreloc

Limitless applications include locking sleeping bag and parka hood draw strings. Can be used with either one or two cords.

Item Number	Color	Cord Size	Material	Standard Package
586110	Black	3/16 in.	Acetal	100

Fastex® is a registered trademark of ITW.



586578

## Fastex® Ellipse Cordloc

Provides an option for a lanyard tie down to assist in hand adjustments.

Item Number	Color	Cord Size	Material	Standard Package
586578	Black	1/4 in.	Acetal	1000

Fastex® is a registered trademark of ITW.



585630

## Fastex® D-Ring

These D-rings are perfect whenever a sturdy attachment point is required. Unlike metal D-rings, they won't rust or corrode.

Item Number	Color	Material	Standard Package	Webbing Size
585630	Black	Acetal	100	1 in.
585660	Black	Acetal	100	1-1/2 in.
585675	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW.



585775

## Fastex® Looploc

Ideal for holding straps or webbing where no adjustment is needed.

Item Number	Style Number	Color	Material	Standard Package	Webbing Size
585715	111-0100	Black	Acetal	100	1 in.
585760	111-0150	Black	Acetal	100	1-1/2 in.
585775	111-0200	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW.



586920

## Fastex® Shock Cord Hook

These shock cord fasteners will not mar or scratch anything they touch. The entire unit is molded, which eliminates the necessity of using a metal crimp ring. They are also rust and corrosion proof. Operates under all weather conditions. Not affected by salt water.

Item Number	Style Number	Color	Cord Size	Material	Standard Package
586920	605-0250-5614	Black	1/4 in.	Acetal	100
586930	605-0375	Black	5/16 in.	Acetal	100

Fastex® is a registered trademark of ITW.



585975

## Fastex® Triglide™ 3 Bar Slide

For sporting, recreational, luggage, medical, apparel and juvenile products. Extremely popular in the floatation and backpacking industries, these buckles can be used wherever webbing closures are needed. Useful in just about any application in which a variable length strap assembly is required.

Item Number	Style Number	Color	Material	Standard Package	Webbing Size
585930	105-0100	Black	Acetal	100	1 in.
585960	105-0150	Black	Acetal	100	1-1/2 in.
585975	105-0200	Black	Acetal	100	2 in.

Fastex® is a registered trademark of ITW. Triglide™ is a trademark of ITW.



585310

## Snaphook – Interlocking Snaphook

Applications are similar to those of the side release buckle. However, the “tooth” design increases the overall strength.

Item Number	Style Number	Color	Material	Standard Package
585310	106-1000	Black	Delrin®	100

Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



585300

## Snaphook – Standard Snaphook

Used most often for detachable shoulder straps.

Item Number	Style Number	Color	Material	Standard Package
585300	106-0000	Black	Delrin®	100

Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.

## YKK® Fasteners

All plastic hardware.



207543



586089

Item Number	Style Number	Description	Color	Cord Size	Standard Package	Webbing Size
207543	LBRU1	Heavy Duty Quick Release Buckle	Black		1000	1"
586089	LC05SHD2	Single Cord Lock with Double Loop	Black	3/16 in.	1500	

YKK® is a registered trademark of YKK Corporation in Japan and other countries/regions.

## DOT® Baby Durable™

An intermediate size snap fastener. Baby Durable provides firm snap action and strong holding power without being visually prominent on the end item.



230717



230792



230795



230959



230991



230993



230995



230997

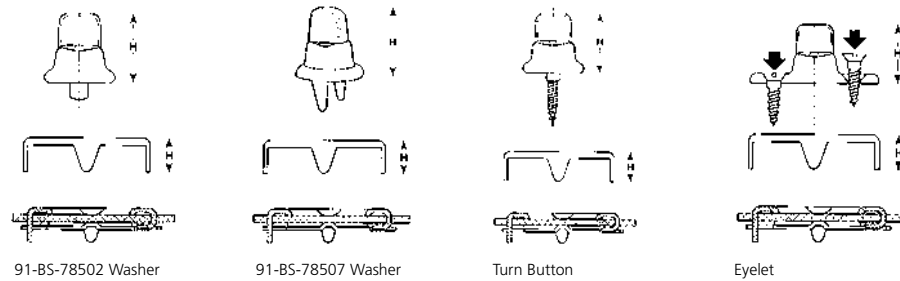
Item Number	Style Number	Description	Finish	Size	Standard Package
230993	94-XB-12205-2C	Socket	Black Oxide		1000
230480	94-XB-12205-1D	Socket	Bright Brass		100
230483	94-XX-12206-1D	Socket	Bright Brass		100
230476	94-X2-12108-1B	Cap	Government Black	3/16 in.	100
230991	94-X2-12108-2B	Cap	Government Black	3/16 in.	1000
230478	94-X2-12126-1B	Cap	Government Black	19/64 in.	100
230479	94-XB-12105-1B	Linge Cap	Government Black	1/8 in.	100
230997	94-BS-12402-2C	Post	Government Black	3/16 in.	1000
230472	94-BS-12404-1C	Post	Government Black	1/4 in.	100
230473	94-BS-12405-1C	Post	Government Black	1/4 in.	100
230475	94-BS-12407-1C	Post	Government Black	3/16 in.	100
230482	94-XX-12206-1C	Socket	Government Black		100
230469	94-BS-12302-1C	Stud, Narrow Flange	Government Black		100
230471	94-BS-12303-1C	Stud, Wide Flange	Government Black		100
230995	94-BS-12302-2C	Stud	Government Black		1000
230477	94-X2-12126-1A	Cap	Nickel Plated	19/64 in.	100
230717	94-XB-12105-4A	Cap	Nickel Plated		100
230794	94-BS-12402-1A	Post	Nickel Plated	3/16 in.	100
230795	94-BS-12404-2A	Post	Nickel Plated	1/4 in.	1000
230792	94-XB-12205-4A	Socket	Nickel Plated		100
230481	94-XX-12206-1A	Socket	Nickel Plated		100
230470	94-BS-12303-1A	Stud, Wide Flange	Nickel Plated		100
230959	94-BS-12303-2A	Stud	Nickel Plated		1000

DOT® is a registered trademark of Scovill Fasteners, Inc. Baby Durable™ is a trademark of Scovill Fasteners, Inc.

# DOT® Common Sense® / Curtain Fasteners

Curtain fasteners are available in black oxide, gilt or nickel-plated finish. All studs have rust-resistant brass springs. Sold in full package lots of 100 and 1000 pieces.

For Style #s XB78322 and XB78323, a #6 oval head wood screw is recommended for wood and a #6 flat head screw of appropriate length for other materials.



230228



230303



230305



230307



230311



230323



230332

Item Number	Style Number	Description	Finish	Size	Standard Package	Tools Part Number
230509	91-PS-78511-49	Plastic Washer			100	
230403	91-BS-78403-1E	Eyelet	Gilt		100	C4-450 (#216045)
230203	91-BS-78403-2E	Eyelet	Gilt		1000	C4-450 (#216045)
230423	91-XB-78323-1E	Turn Button Double Height Two Screw Holes	Gilt		100	
230426	91-XB-783247-1E	Turn Button Screw Stud	Gilt	5/8 in.	100	89-9908 (#275584)
230226	91-XB-783247-2E	Turn Button Screw Stud	Gilt	5/8 in.	1000	89-9908 (#275584)
230422	91-XB-78322-1E	Turn Button Two Screw Holes	Gilt		100	
230405	91-BS-78505-1D	Washer	Gilt		100	
230205	91-BS-78505-2D	Washer	Gilt		1000	
230446	91-BS-78502-1C	Back Plate	Government Black		100	
230580	91-BS-78403-1G	Eyelet	Government Black		100	
230380	91-BS-78403-2G	Eyelet	Government Black		1000	
230537	91-BS-78404-1G	Eyelet	Government Black		100	
230587	91-XB-78332-1G	Turn Button Double Prong	Government Black		100	171 (#275575)
230386	91-XB-78322-2G	Turn Button Two Screw Holes	Government Black		1000	
230448	91-XB-78317-1G	Turn Button	Government Black		100	
230449	91-XB-78322-1G	Turn Button	Government Black		100	
230450	91-XB-78323-1G	Turn Button	Government Black		100	
230581	91-BS-78505-1C	Washer	Government Black		100	
230381	91-BS-78505-2C	Washer	Government Black		1000	
230447	91-BS-78510-1C	Washer	Government Black		100	
230520	91-X8-783247-1A	Turn Button Screw Stud	Nickel Plated, Stainless Steel Stud	5/8 in.	100	89-9908 (#275584)
230228	91-X8-783247-2A	Turn Button Screw Stud	Nickel Plated, Stainless Steel Stud	5/8 in.	1000	89-9908 (#275584)
230531			Nickel Plated			89-9908 (#275584)
230504	91-BS-78502-1A	Back Plate	Nickel Plated		100	
230307	91-BS-78507-2A	Back Plate	Nickel Plated		1000	171 (#275575)
230507	91-BS-78507-4A	Back Plate	Nickel Plated		100	171 (#275575)
230534	91-BS-78404-4A	Eyelet (Long)	Nickel Plated		100	
230303	91-BS-78403-2A	Eyelet	Nickel Plated		1000	C4-450 (#216045)
230503	91-BS-78403-4A	Eyelet	Nickel Plated		100	C4-450 (#216045)

Items continue on next page.



Item Number	Style Number	Description	Finish	Size	Standard Package	Tools Part Number
230527	91-XB-783257-1A	Turn Button Double Height Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230327	91-XB-783257-2A	Turn Button Double Height Screw Stud	Nickel Plated	5/8 in.	1000	89-9908 (#275584)
230323	91-XB-78323-2A	Turn Button Double Height Two Screw Holes	Nickel Plated		1000	
230523	91-XB-78323-4A	Turn Button Double Height Two Screw Holes	Nickel Plated		100	
230533	91-XB-78333-1A	Turn Button Double Prong Double Height	Nickel Plated		100	171 (#275575)
230332	91-XB-78332-2A	Turn Button Double Prong	Nickel Plated		1000	171 (#275575)
230532	91-XB-78332-4A	Turn Button Double Prong	Nickel Plated		100	171 (#275575)
230326	91-XB-783247-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	89-9908 (#275584)
230526	91-XB-783247-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230220	91-XX-783157-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	
230500	91-XX-783157-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	89-9908 (#275584)
230322	91-XB-78322-2A	Turn Button Two Screw Holes	Nickel Plated		1000	
230522	91-XB-78322-4A	Turn Button Two Screw Holes	Nickel Plated		100	
230549	91-XB-78317-4A	Turn Button	Nickel Plated		100	
230530	91-XB-78318-1A	Turn Button	Nickel Plated		100	
230305	91-BS-78505-2A	Washer	Nickel Plated		1000	
230505	91-BS-78505-4A	Washer	Nickel Plated		100	
230311	91-BS-78510-2A	Washer	Nickel Plated		1000	
230508	91-BS-78510-4A	Washer	Nickel Plated		100	

DOT® and Common Sense® are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

## DOT® Durable™ Blind Rivet Stud



This component will provide the installer with a convenient method for securing a stud on hard surfaces such as steel, aluminum, tubing and panels.

Blind Rivet Studs are set in the same manner as typical pop rivets and eliminate the need for threading a stud into a pre-drilled hole or using a machine screw and nut combination. Used with the X2-10128 Button and XB-10224 Socket or similar combinations.

Item Number	Style Number	Description	Size	Standard Package
230772	93-X8-10314-1A	Nickel Plated, Stainless Steel Mandrel	0.299 in.(H), Mandrel Head and Rivet Pin	100
230932	93-X8-10314-2A	Nickel Plated, Stainless Steel Mandrel	0.299 in.(H), Mandrel Head and Rivet Pin	1000
230774	93-X8-10319-1A	Nickel Plated, Stainless Steel Mandrel	0.486 in. (H), Mandrel Head and Rivet Pin	100

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



## DOT® Durable™ Enamel

These ultraviolet stabilized enamel painted caps are in popular demand. The generous color selection is designed to match or compliment a wide variety of today's most popular marine fabrics. Available in packs of 100 and 1000.



229625



Item Number	Style Number	Color	Size	Standard Package
229684	93-X8-10128-9024-1V	Bahama Berry	11/64 in. Barrel	100
229901	93-X2-10128-1339-2V	Black	11/64 in. Barrel	1000
229601	93-X2-10128-1339-1V	Black	11/64 in. Barrel	100
229650	93-X8-10128-1339-1V	Black	11/64 in. Barrel	100
229669	93-X8-10128-9009-1V	Blue Marlin	11/64 in. Barrel	100
229617	93-X2-10128-2595-1V	Butternut Beige	11/64 in. Barrel	100
229625	93-X2-10128-9000-1V	Cadet Grey	11/64 in. Barrel	100
229660	93-X8-10128-9000-1V	Cadet Grey	11/64 in. Barrel	100
229623	93-X2-10128-9002-1V	Captain Navy	11/64 in. Barrel	100
229662	93-X8-10128-9002-1V	Captain Navy	11/64 in. Barrel	100
229620	93-X2-10128-1473-1V	Dark Green	11/64 in. Barrel	100
229900	93-X2-10128-1534-2V	Dull Black	11/64 in. Barrel	1000
229600	93-X2-10128-1534-1V	Dull Black	11/64 in. Barrel	100
229653	93-X8-10128-1534-1V	Dull Black	11/64 in. Barrel	100
229632	93-X2-10128-9004-1V	Heather Beige	11/64 in. Barrel	100
229664	93-X8-10128-9004-1V	Heather Beige	11/64 in. Barrel	100
229688	93-X8-10128-9028-1V	Jericho Tan	11/64-in. Barrel	100
229604	93-X2-10128-1487-1V	Lindy	11/64 in. Barrel	100
229690	93-X8-10128-9030-1V	Logo Red	11/64 in. Barrel	100
229629	93-X2-10128-9030-1V	Logo Red	11/64 in. Barrel	100
229611	93-X2-10128-1290-1V	Medium Turquoise	11/64 in. Barrel	100
229615	93-X2-10128-2104-1V	Mulberry	11/64 in. Barrel	100
229622	93-X2-10128-9012-1V	Ranch Blue	11/64 in. Barrel	100
229672	93-X8-10128-9012-1V	Ranch Blue	11/64 in. Barrel	100
229671	93-X8-10128-9011-1V	Shingle Grey	11/64 in. Barrel	100
229693	93-X8-10128-9033-1V	Smoke Ring	11/64 in. Barrel	100
229666	93-X8-10128-9006-1V	Taupe	11/64 in. Barrel	100
229665	93-X8-10128-9005-1V	Toast	11/64 in. Barrel	100
229696	93-X8-10128-9036-1V	True Brown	11/64 in. Barrel	100
229624	93-X2-10128-9031-1V	Walden White	11/64 in. Barrel	100
229602	93-X2-10128-1959-1V	White	11/64 in. Barrel	100
229902	93-X2-10128-1959-2V	White	11/64 in. Barrel	1000
229654	93-X8-10128-1959-1V	White	11/64 in. Barrel	100
229658	93-X8-10128-3209-1V	Winter Wheat	11/64 in. Barrel	100
229630	93-X2-10128-3209-1V	Winter Wheat	11/64 in. Barrel	100

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



## DOT® Durable™ Mariner™

High ultraviolet resistant plastic cap with a super-strong, self-piercing eyelet. Size matches the standard all-brass construction DOT Durable button.

230881

Item Number	Style Number	Color	Standard Package
230681	93-XV-10150-1X	Black	100
230881	93-XV-10150-2X	Black	1000
230682	93-XV-10150-11	Red	100
230680	93-XV-10150-1V	White	100

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



230784      230705      230727      230728      230740      230758      230760      230899      230900

## DOT® Durable™

Durable Fasteners are a medium-sized heavy-duty button type snap fastener. They are used largely by manufacturers of boat covers, porch curtains and industrial curtains. These fasteners are available in nickel or black finish on brass. Sold only in full package lots of 100, 1,000 or 10,000 pieces where indicated. Certain durable fasteners meet Government Specification MS-27980.

Item Number	Style Number	Description	Finish	For Use With	Hand Tools Part Number	Machine Tools Part Number	Size	Standard Package
230464	93-X2-10127-1E	Cap	Bright Brass	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. (H)	100
230458	93-BS-10379-1D	Eyelet Stud, Low Shelf	Bright Brass					100
230459	93-BS-10413-1D	Post	Bright Brass		9896/9897 (#248133)	1407 (#223507)	5/16 in. (H)	100
230460	93-BS-10414-1D	Post	Bright Brass		9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	100
230468	93-XX-10224-1D	Socket	Bright Brass	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		100
230463	93-X2-10112-1B	Cap	Government Black				5/16 in. (H)	100
230784	93-X2-10127-1B	Cap	Government Black	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. Barrel	100
230888	93-X2-10127-2B	Cap	Government Black	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. Barrel	1000
230780	93-X2-10128-1B	Cap	Government Black	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. Barrel	100
230898	93-X2-10128-2B	Cap	Government Black	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. Barrel	1000

Item Number	Style Number	Description	Finish	For Use With	Hand Tools Part Number	Machine Tools Part Number	Size	Standard Package
230465	93-X8-10128-1B	Cap	Government Black	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1 1/64 in. (H)	100
230455	93-BS-10123-1C	Carpet Snap, Ring	Government Black					100
230467	93-XX-10222-1C	Carpet Snap, Socket	Government Black					100
230457	93-BS-10379-1C	Eyelet Stud, Low Shelf	Government Black					100
230729	93-XB-10342-1C	Gypsy Stud	Government Black			9557 (#275580)		100
230783	93-BS-10412-1C	Post	Government Black	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in.	100
230895	93-BS-10412-2C	Post	Government Black	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in. (H)	1000
230788	93-BS-10414-1C	Post	Government Black		9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	100
230781	93-XB-10224-1C	Socket	Government Black	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		100
230896	93-XB-10224-2C	Socket	Government Black	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		1000
230786	93-XX-10224-1C	Socket	Government Black	93-X2-10127-1A (#230701, #230899, #230784, #230888), 10128 (#230702)	164H (#275564)	1410 (#223510)		100
230787	93-XX-10224-2C	Socket	Government Black	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		1000
230782	93-BS-10370-1C	Stud	Government Black	93-BS-10413-1A (#230741), 93-BS-10413-2A (#230924)	164H (#275564)	1412 (#223512)		100
230897	93-BS-10370-2C	Stud	Government Black	93-BS-10413-1A (#230741), 93-BS-10413-2A (#230924)	164H (#275564)	1412 (#223512)		1000
230844	93-X8-103937-1C		Government Black/ Stainless Steel Screw		169N (#275504)		5/8 in.	100
230843	93-X8-103937-2C	Nickel Plated, Stainless Steel Screw	Government Black/ Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230703	93-X2-10129-1A	20 Ligne Cap	Nickel Plated	10231 (#230838), 10342 (#230728, #230729, and #230935)	10342 (#275428)	9557 (#275580)	3/16 in. Barrel	100
230462	93-X2-10112-1A	Cap	Nickel Plated		164H (#275564)		5/16 in. (H)	100
230701	93-X2-10127-1A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. Barrel	100
230899	93-X2-10127-2A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	1/4 in. Barrel	1000

Items continue on next page.

HARDWARE **MARINE**

Item Number	Style Number	Description	Finish	For Use With	Hand Tools Part Number	Machine Tools Part Number	Size	Standard Package
230702	93-X2-10128-1A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. Barrel	100
230900	93-X2-10128-2A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. Barrel	1000
230890	93-X2-10128-3A	Cap	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)	9896/9897 (#248133)	1401 (#223501)	11/64 in. Barrel	10000
230456	93-BS-10373-1A	Eyelet Stud, without Flange	Nickel Plated					100
230728	93-XB-10342-1A	Gypsy Stud	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)		9557 (#275580)		100
230935	93-XB-10342-2A	Gypsy Stud	Nickel Plated	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XB-10224-3A (#230891)		9557 (#275580)		1000
230918	93-XB-103934-2A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)		3/8 in.	1000
230737	93-XB-103934-4A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)			100
230921	93-XB-103937-2A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)		5/8 in.	1000
230756	93-XB-103937-4A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)		5/8 in.	100
230749	93-XB-107084-1A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)		3/8 in.	100
230753	93-XB-107087-1A	Nickel Plated, Steel Screw	Nickel Plated		169N (#275504)		5/8 in.	100
230740	93-BS-10412-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in. (H)	100
230912	93-BS-10412-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	1/4 in. (H)	1000
230741	93-BS-10413-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	5/16 in. (H)	100
230924	93-BS-10413-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	5/16 in. (H)	1000
230743	93-BS-10414-1A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	100
230926	93-BS-10414-2A	Post	Nickel Plated	93-BS-10370-1A (#230727), 93-BS-10370-2A (#230905), 93-BS-10370-1C (#230782), 93-BS-10370-2C (#230897), 93-BS-10370-3A (#230892)	9896/9897 (#248133)	1407 (#223507)	3/8 in. (H)	1000
230705	93-XB-10224-1A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		100
230901	93-XB-10224-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		1000

Item Number	Style Number	Description	Finish	For Use With	Hand Tools Part Number	Machine Tools Part Number	Size	Standard Package
230891	93-XB-10224-3A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		10000
230838	93-XB-10231-1A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		100
230930	93-XB-10231-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#248160)	1410 (#223510)		1000
230706	93-XX-10224-1A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		100
230917	93-XX-10224-2A	Socket	Nickel Plated	93-X2-10127-1A (#230701), 93-X2-10127-2A (#230899), 93-X2-10127-1B (#230784), 93-X2-10127-2B (#230888), 93-X2-10128-1A (#230702), 93-X2-10128-2A (#230899), 93-X2-10128-1B (#230780), 93-X2-10128-2B (#230898), 93-X2-10128-3A (#230890)	164H (#275564)	1410 (#223510)		1000
230727	93-BS-10370-1A	Stud	Nickel Plated	93-BS-10412-1A (#230740), 93-BS-10412-2A (#230912), 93-BS-10412-1C (#230783), 93-BS-10412-2C (#230895), 93-BS-10412-3A (#230893)	164H (#275564)	1412 (#223512)		100
230905	93-BS-10370-2A	Stud	Nickel Plated	93-BS-10412-1A (#230740), 93-BS-10412-2A (#230912), 93-BS-10412-1C (#230783), 93-BS-10412-2C (#230895), 93-BS-10412-3A (#230893)	164H (#275564)	1412 (#223512)		1000
230892	93-BS-10370-3A	Stud	Nickel Plated	93-BS-10412-1A (#230740), 93-BS-10412-2A (#230912), 93-BS-10412-1C (#230783), 93-BS-10412-2C (#230895), 93-BS-10412-3A (#230893)	164H (#275564)	1412 (#223512)		10000
230916	93-BS-10379-2A	Stud	Nickel Plated					1000
230744	93-BS-10379-4A	Stud	Nickel Plated					100
230738	93-XX-10388-1A	Nickel Plated, Stainless Steel Clip	Nickel Plated/Stainless Steel Clip				3/4 in. x 9/16 in.	100
230909	93-XX-10388-2A	Nickel Plated, Stainless Steel Clip	Nickel Plated/Stainless Steel Clip				3/4 in. x 9/16 in.	1000
230745	93-XX-10391-1A	Nickel Plated, Stainless Steel Clip	Nickel Plated/Stainless Steel Clip				7/8 in. x 9/16 in.	100
230934	93-X8-103015-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		7/16 in.	1000
230764	93-X8-103015-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		7/16 in.	100
230936	93-X8-103017-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230766	93-X8-103017-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	100

Items continue on next page.



**HARDWARE MARINE**

Item Number	Style Number	Description	Finish	For Use With	Hand Tools Part Number	Machine Tools Part Number	Size	Standard Package
230768	93-X8-103025-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		7/16 in.	100
230769	93-X8-103027-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	100
230911	93-X8-103934-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		3/8 in.	1000
230739	93-X8-103934-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		3/8 in.	100
230923	93-X8-103937-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230758	93-X8-103937-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	100
230760	93-X8-103938-1A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw	93-XB-10224-1A (#230705), 93-XB-10224-2A (#230901), 93-XB-10224-1C (#230781), 93-XB-10224-2C (#230896), 93-XX-10224-2C (#230787), 93-XX-10224-1A (#230706), 93-XX-10224-2A (#230917), 93-XB-10224-3A (#230891)	169N (#275504)		1 in.	100
230466	93-X8-107041-1A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		3/16 in.	100
231117	93-X8-107044-1A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw					100
230850	93-X8-109344-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		3/8 in.	1000
230723	93-X8-109344-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		3/8 in.	100
230851	93-X8-109347-2A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw		169N (#275504)		5/8 in.	1000
230765	93-X8-109347-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/Stainless Steel Screw				5/8 in.	100
230913	93-XX-103624-2A	Nickel Plated, Steel Screw	Nickel Plated/Steel Screw		169N (#275504)		3/8 in.	1000
230713	93-XX-103624-4A	Nickel Plated, Steel Screw	Nickel Plated/Steel Screw		169N (#275504)		3/8 in.	100
230922	93-XX-103627-2A	Nickel Plated, Steel Screw	Nickel Plated/Steel Screw		169N (#275504)		5/8 in.	1000
230715	93-XX-103627-4A	Nickel Plated, Steel Screw	Nickel Plated/Steel Screw		169N (#275504)		5/8 in.	100
230501	93-XN-10135-1U	Snap Cap / Open Top Button / Pilot Hole Cap	Stainless Steel					100

## DOT® Durable™ Stainless



230665



230657



230659



230666



230667

Item Number	Style Number	Description	Material	Size	Standard Package
231008	93-XN-10616-2U	Buckle	Stainless Steel		1000
230670	93-XN-10127-1U	Cap	Stainless Steel	1/4 in. Barrel	100
231000	93-XN-10127-2U	Cap	Stainless Steel	1/4 in. Barrel	1000
230974	93-XN-10128-2U	Cap	Stainless Steel	1 1/64 in. Barrel	1000
230664	93-XN-10128-4U	Cap	Stainless Steel	1 1/64 in. Barrel	100
230676	93-ZN-10127-1U	Cap	Stainless Steel	1/4 in. Barrel	100
230665	93-ZN-10128-1U	Cap	Stainless Steel	1 1/64 in. Barrel	100
230667	93-NS-10412-1U	Post	Stainless Steel		100
230977	93-NS-10412-2U	Post	Stainless Steel		1000
230461	93-NS-10413-1U	Post	Stainless Steel	0.295 (H)	100
230687	93-ZS-10412-1U	Post	Stainless Steel	1/4 in. (H)	100
230692	93-ZS-10413-1U	Post	Stainless Steel	5/16 in. (H)	100
230659	93-XN-103934-1U	Screw Stud	Stainless Steel	3/8 in.	100
230970	93-XN-103934-2U	Screw Stud	Stainless Steel	3/8 in.	1000
230661	93-XN-103937-1U	Screw Stud	Stainless Steel	5/8 in.	100
230971	93-XN-103937-2U	Screw Stud	Stainless Steel	5/8 in.	1000
230969	93-XN-10224-2U	Socket	Stainless Steel		1000
230657	93-XN-10224-4U	Socket	Stainless Steel		100
230972	93-ZN-10224-1U	Socket	Stainless Steel		100
230973	93-ZN-10224-2U	Socket	Stainless Steel		1000
230666	93-NS-10370-1U	Stud	Stainless Steel		100
230976	93-NS-10370-2U	Stud	Stainless Steel		1000
230983	93-ZS-10370-1U	Stud	Stainless Steel		100

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

## Fasnap® Rib Tree Bolster Fasteners

This 3/4 inch panel fastener with ribbed shank assures easy installation and secure hold. One ribbed end is pushed into primary panel to retain clip. Second panel is pushed down onto projecting ribbed end to complete the assembly.



231085

Item Number	Description	Material	Size	Standard Package
231085	3/4 in. double end clip with inner stop 1/2 in. x 7/8 in.	Plastic	3/4 in.	100

Fasnap® is a registered trademark of The Fasnap Corporation.

## Fasnap® Fasteners

High rust and corrosion resistant button, normal action socket, stud, and eyelet. The button and eyelet are, in many instances, able to self-pierce through multiple layers of fabric. All four components are interchangeable with nickel-plated brass screw studs or other snap fasteners and tools, eliminating special die requirements.



230671



230691



230694



230696



230960

Item Number	Style Number	Description	Finish	Material	Screw Size	Size	Standard Package	Type
230960	SS4650AR	Cap		Stainless Steel		3/16-in. Barrel	1000	
230688	SSC4650AR	Cap		Stainless Steel		3/16-in. Barrel	100	
230968	SC4647D/ SS4647D	Post		Stainless Steel		1/4 in.	1000	
230696	SSC4647D	Post		Stainless Steel		1/4 in.	100	
230691	SSC4650B	Socket		Stainless Steel			100	
230963	SSC4650B/ SS4650B	Socket		Stainless Steel			1000	
230694	SSC4650C	Stud		Stainless Steel			100	
230966	SSC4650C/ SS4650C	Stud		Stainless Steel			1000	
231026	BN4647AR	Cap	Nickel Plated	Brass		3/16-in. Barrel	1000	
230767	BNSC705921	Oversized Screw Stud	Nickel Plated	Brass	#10 Screw	5/8 in.	100	5/8 in. #10 Screw
231096	BHST705916	Screw Stud	Nickel Plated	Brass	#8 Teks® Screw	1/2 in.	100	1/2-in. #8 Hardened Teks Screw
230671	BNCT705916	Screw Stud	Nickel Plated	Brass	#8 Teks® Screw	1/2 in.	100	1/2-in. #8 Teks Screw
231027	BN4647B	Socket	Nickel Plated	Brass			1000	

Fasnap® is a registered trademark of The Fasnap Corporation. Teks® is a registered trademark of Illinois Tool Works, Inc.



## DOT® Lift-The-Dot®

Featured below are styles available, complete with parts indicated. Sold only in full package lots of 100 pieces or 1000 pieces. Lift-The-Dot Fasteners are available in nickel or black oxide finish. Certain Lift-The-Dot fasteners meet Government Specification MS-27977. Strong and heavy duty, Lift-The-Dot fasteners lock on three sides and are opened by lifting the fourth side where the Dot and the Lift-The-Dot trademark appear.

Item Number	Style Number	Description	Finish	For Use On	For Use With	Hand Tools Part Number	Height	Machine Tools Part Number	Size	Standard Package
230956	90-PS-16510-29	Clear Washer		Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-BS-16506-1A (#230637), 90-BS-16506-2A (#230647), 90-BS-16506-2C (#230979)					1000
230656	90-PS-16510-49	Clear Washer		Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-BS-16506-1A (#230637), 90-BS-16506-2A (#230647), 90-BS-16506-2C (#230979)					100
230438	90-BS-16506-1C	Back Plate	Government Black							100
230979	90-BS-16506-2C	Back Plate	Government Black	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)		1455 (#223555)			1000
230649	90-XX-16205-1B	Socket	Government Black	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)			1454 (#223554)		100
230978	90-XX-16205-2B	Socket	Government Black	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)		1454 (#223554)			1000
230436	90-BS-16349-1B	Stud	Government Black							100
230440	90-XB-16358-1B	Stud	Government Black							100
230437	90-BS-16501-1C	Washer	Government Black							100
230439	90-BS-16509-1C	Washer	Government Black							100
230637	90-BS-16506-1A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)					100

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HARDWARE **MARINE**

Item Number	Style Number	Description	Finish	For Use On	For Use With	Hand Tools Part Number	Height	Machine Tools Part Number	Size	Standard Package
230951	90-BS-16506-2A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)	9940 (#275573)		1455 (#223555)		1000
230602	90-XX-16206-1A	Socket Long Prong	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)		0.275"	1454 (#223554)		100
230601	90-XX-16205-1A	Socket Short Prong	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)			1454 (#223554)		100
230940	90-XX-16205-2A	Socket	Nickel Plated	Canvas	90-BS-16506-1A (#230637), 90-BS-16506-2A (#230951), 90-BS-16506-2C (#230979), 90-PS-16510-19 (#230656), 90-PS-16510-29 (#230956)			1454 (#223554)		1000
230608	90-BS-16349-1A	Stud	Nickel Plated	Canvas	90-BS-16501-1A (#230636)	171 (#275575)				100
230610	90-XB-16358-1A	Stud	Nickel Plated	Canvas	90-BS-16509-1A (#230638), 90-BS-16509-2A (#230952), 90-BS-16509-2C (#230652)	9940 (#275573)		1456 (#223556)		100
230944	90-XB-16358-2A	Stud	Nickel Plated	Canvas	90-BS-16509-1A (#230638), 90-BS-16509-2A (#230952), 90-BS-16509-2C (#230652)	9940 (#275573)		1456 (#223556)		1000
231120	90-XB-16368-1A	Stud	Nickel Plated	Canvas, Metal, Plastic	90-XX-16205-1A (#230601), 90-XX-16205-2A (#230940), 90-XX-16205-1B (#230649), 90-XX-16205-2B (#230978), 90-XX-16206-1A (#230602), 90-XX-16206-2A (#230647), 90-XX-16206-2B (#230654)	9940 (#275573)				100
230636	90-BS-16501-1A	Washer	Nickel Plated	Canvas	90-BS-16349-1A (#230608)			8042 (#275480)		100
230638	90-BS-16509-1A	Washer	Nickel Plated	Canvas	90-XB-16358-1A (#230610), 90-XB-16358-2A (#230944), 90-XB-16358-2B (#230651)			1457 (#223557)		100
230952	90-BS-16509-2A	Washer	Nickel Plated	Canvas	90-XB-16358-1A (#230610), 90-XB-16358-2A (#230944), 90-XB-16358-2B (#230651)			1457 (#223557)		1000
230618	90-XB-163624-1A	Screw Stud	Nickel Plated/ Brass Screw	Metal		169B (#275502)			3/8 in.	100
230630	90-X8-16376-1A	Nickel Plated, Stainless Steel Clip	Nickel Plated/ Stainless Steel Clip						3/4 in.	100
230624	90-X8-163604-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/ Stainless Steel Screw	Wood		169B (#275502)			3/8 in.	100
230620	90-X8-163606-4A	Nickel Plated, Stainless Steel Screw	Nickel Plated/ Stainless Steel Screw	Wood, Metal, Plastic		169B (#275502)			1/2 in.	100
231125	90-X8-163607-1A	Nickel Plated, Stainless Steel Screw	Nickel Plated/ Stainless Steel Screw	Metal, Plastic		169B (#275502)			5/8 in.	100

DOT® and Lift-The-Dot® are registered trademarks of Scovill Fasteners, Inc.



## DOT® Pull-The-Dot®

The Pull-The-Dot Fastener is a side-locking snap fastener, similar to the Durable™ Glove-style fastener, except for its “built-in” locking feature. This fastener will withstand extreme pressure on three sides without unlocking, yet will release instantly on the fourth side if one “pulls the dot” embossed on one side of the button. Pull-The-Dots have no sharp edges or protrusions to tear or mar the fabric to be fastened.

Since the socket opens only on one side, care must be taken that the button and socket are set so that the fastener can be opened at the desired position.

230800

230801

230802

230803

Item Number	Style Number	Description	Finish	Hand Tools Part Number	Standard Package
230819	92-XE-18100-A2B	Cap	Government Black		1000
230454	92-XE-18103-A1B	Cap	Government Black		100
230842	92-XX-18201-2C	Socket	Government Black		1000
230799	92-BS-18303-2C	Stud	Government Black		1000
230803	92-X8-183074-1A	Stud	Nickel Plated, Stainless Steel Screw	169N (#275504)	100
230800	92-XE-18100-A1A	Cap	Nickel		100
230820	92-XE-18100-A2A	Cap	Nickel		1000
230453	92-XE-18103-A1A	Cap	Nickel		100
230801	92-XX-18201-1A	Socket	Nickel		100
230821	92-XX-18201-2A	Socket	Nickel		1000
230802	92-BS-18303-1A	Stud	Nickel		100
230822	92-BS-18303-2A	Stud	Nickel		1000

DOT® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

## DOT® Gripper®

Setting the standard in safety and performance for more than 75 years, Gripper Snap Fasteners are available in an open prong type cap.

Item Number	Style Number	Description	Material	Standard Package
230485	96-NS-90338-1U	Duo Stud	Stainless Steel	100
230486	96-NS-90945-1U	Prong Ring	Stainless Steel	100
230484	96-NS-90238-1U	Socket	Stainless Steel	100

DOT® and Gripper® are registered trademarks of Scovill Fasteners, Inc.

## Q-Snap® Fasteners



231161



231156



231147



231164



231163



231160

The patented Q-Snap system is similar to the standard press-fastener, with the exception of two additional parts: a ring underneath the cloth and a hook on the deck. This combination turns the fastener into a secured connection that won't pop loose, while incorporating a stretch-function that acts as a lever. The result allows you to easily overcome the cloth tension as you fit the fastener.

Installation is like a normal press fastener, but with special tools that make it faster than other secured fasteners. There are no extra parts, thanks to smart pre-assembly.

Resistant to seawater, Q-Snap is made from high quality 316 stainless steel. The special ring spring in the socket is dimensionally stable and even more resistant to corrosion than 316 stainless steel. A thin rubber layer isolates the Q-stud to prevent tension corrosion. Above all, it is the only secured fastener without moving parts, making it very durable and robust.

Developed for covers and sprayhoods on boats, Q-Snap is an ideal solution for any application that requires textiles to be tight and secure.

Starter Kit includes: 50 Q-Caps, 50 Q-Sockets, 25 Q-Studs (including screw), 25 Q-Studs, 25 screws, 25 M4 bolts, 25 self-drilling screws, 25 eyelets, 5 blind rivets, Q-Stud holder, Q-Stud marker, 5 Q-Installation pins, 5 Q-Stud covers, hand punch set, 25 ringlets and 25 plugs.

DIY Pack includes: 10 polished Q-Caps, 10 Q-Sockets, Q-Studs with screws and hand punch tool.

Item Number	Style Number	Description	Color	Material	Size	Standard Package
231161	150000-10	DIY Pack				1
231155	141300-100	Fixing Blind Rivet		Stainless Steel Type 304	0.464 in. (H), Mandrel Head and Rivet Pin	100
231156	140500-100	Fixing Eyelet		Stainless Steel Type 316		100
231153	140200-100	Fixing M4 Bolt		Stainless Steel Type 316		100
231152	140100-100	Fixing Tapping Screw		Stainless Steel Type 316		100
231142	110002-100	Q-Cap	Black Matte	Stainless Steel Type 316	Normal Shaft 4mm	100
231141	110001-100	Q-Cap	Black	Stainless Steel Type 316	Normal Shaft 4mm	100
231147	110007-100	Q-Cap	Bordeaux Red	Stainless Steel Type 316	Normal Shaft 4mm	100
231144	110004-100	Q-Cap	Grey	Stainless Steel Type 316	Normal Shaft 4mm	100
231145	110005-100	Q-Cap	Khaki	Stainless Steel Type 316	Normal Shaft 4mm	100
231146	110006-100	Q-Cap	Navy Blue	Stainless Steel Type 316	Normal Shaft 4mm	100
231143	110003-100	Q-Cap	Pearl White	Stainless Steel Type 316	Normal Shaft 4mm	100
231148	110100-100	Q-Cap	Polished	Stainless Steel Type 316	Long Shaft 6.2mm	100
231140	110000-100	Q-Cap	Polished	Stainless Steel Type 316	Normal Shaft 4mm	100
231164	190400-10	Q-Installation Pin				10
231165	190400-25	Q-Installation Pin				25
231149	120000-100	Q-Socket Integrated Socket and Ring		Stainless Steel Type 316		100
231166	190100-10	Q-Stud Cover	Grey			10
231167	190101-10	Q-Stud Cover	Off-White			10
231162	190200-1	Q-Stud Holder				1
231163	190300-1	Q-Stud Marker				1
231151	130100-100	Q-Stud with Tapping Screw		Stainless Steel Type 316		100
231150	130000-100	Q-Stud		Stainless Steel Type 316		100
231160	150000-1	Starter Kit				1

Q-Snap® is a registered trademark of Partnership Twello B.V.

## CAF-COMPO Screw-Studs



231179

CAF-COMPO screw studs are for use in fiberglass, wood, and other composites. It is made from UV-stabilized, glass fiber-reinforced, thermoplastic. Available in four colors, the composite screw stud is made to match any standard boat color and its unique design fits any regular ring spring socket. Tested to hold 500 N of force, it delivers better performance and a stronger hold. 100% corrosion free and UV resistant, it is built for tough marine conditions. The lightweight piece of marine hardware is safe and quick to install. Use wherever a composite marine fastener is needed.

Item Number	Description	Color	Size	Standard Package
231169	Self-tapping	White	16 mm	100
231170	Self-tapping	Cream	16 mm	100
231171	Self-tapping	Grey	16 mm	100
231172	Self-tapping	Black	16 mm	100
231173	Self-tapping	White	10 mm	100
231174	Self-tapping	Cream	10 mm	100
231175	Self-tapping	Grey	10 mm	100
231176	Self-tapping	Black	10 mm	100
231177	Machine threaded	White	M6 10 mm	100
231178	Machine threaded	Cream	M6 10 mm	100
231179	Machine threaded	Grey	M6 10 mm	100
231180	Machine threaded	Black	M6 10 mm	100



231014

## Snapfast® System

The Snapfast fastening system offers an alternative to traditional all-metal directional fasteners. This non-corrosive directional fastening system has no moving parts and unlocks from one direction only. The sockets and studs are manufactured from heavy-duty polyacetal with a UV stabilizer. Snapfast's stainless steel pronged cap self-pierces most industrial fabrics and installs easily using hand tools.



231016

Item Number	Style Number	Description	Color	Standard Package
231016	SNPFSTA	Pronged Cap		100
231014	SNPTSTB	Socket	Black	100
231046	SNPFSTBW	Socket	White	100

Snapfast® is a registered trademark of The FASNAP Corporation.

## Stayput™ Fasteners

"Stayput" for a secure and corrosion free fastening solution. Stayput canvas fasteners have no springs to corrode or jam. They are manufactured from UV stabilized nylon and acetyl compounds. Originally designed for the marine market, are now used extensively in all areas of fabric fastening.



289264



289270

Item Number	Style Number	Description	Color	Standard Package
289264	87B	Attach Knob	Black	100
289265	86W	Attach Knob	White	100
289276	40W	Canvas to Canvas Double	White	100
289266	37B	Horizontal Single	Black	100
289268	37W	Horizontal Single	White	100

Items continue on next page.



289281



289284

Item Number	Style Number	Description	Color	Standard Package
289281	50B	Tent Wall Hook	Black	100
289280	50W	Tent Wall Hook	White	100
289262	48B	Tent Wall J-Hook	Black	100
289263	48W	Tent Wall J-Hook	White	100
289292	71W	Ultimate Clip Back	White	100
289284	70B	Ultimate Shock Cord Clip	Black	100
289283	70W	Ultimate Shock Cord Clip	White	100
289270	34B	Vertical Single	Black	100
289272	34W	Vertical Single	White	100

Stayput™ is a trademark of Stayput Fasteners.



231065



231077

## YKK® SNAD® Pressure Sensitive Fasteners

The YKK® SNAD® fastener is a durable, innovative snap fastener that attaches to various substrates and surfaces using a sophisticated and proven adhesive. This eliminates having to drill holes in surfaces to mount the fastener.

Item Number	Style Number	Description	Color	Diameter	Size	Standard Package
231071	PG1-0000-A01	Domed Socket	Black	1-9/16 in.	40 mm	100
231068	PG1-0000-839	Domed Socket	White	1-9/16 in.	40 mm	100
231065	PG3-0000-A01	Domed Stud	Black	1-9/16 in.	40 mm	100
231108	QW9-0000-A01	Domed Stud	Black	1 in.	25 mm	100
231069	PG3-0000-839	Domed Stud	White	1-9/16 in.	40 mm	100
231107	QW9-0000-839	Domed Stud	White	1 in.	25 mm	100
231078	TR5-0000-TVO	Domed Socket	Clear	1 in.	25 mm	100
231077	QL7-0000-QK1	Flexible Base Stud	Black	1 in.	25 mm	100
231079	TT5-0000-TVO	Flexible Base Stud	Clear	1-9/16 in.	40 mm	100
231076	TP9-0000-TVO	Flexible Base Stud	Clear	1 in.	25 mm	100
231075	QL7-0000-PX7	Flexible Base Stud	Gray	1 in.	25 mm	100
231073	QL7-0000-QP3	Flexible Base Stud	White	1 in.	25 mm	100

YKK® and SNAD® are registered trademarks of YKK Corporation in Japan and other countries/regions.



284050

## Boat Top Fittings – Aluminum – Pontoon Deck Hinge

90° aluminum deck hinge designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063-T6 extruded aluminum with satin anodization for uniform finish. Requires a 1/4 inch diameter pull pin.

Item Number	Style Number	Material	Standard Package
284050	BH76	Aluminum	10



287647

## Boat Top Fittings – Aluminum – Pontoon Jaw Slide

Designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063T6 extruded aluminum with satin anodization for uniform finish. A 1/4 – 20 x 5/16 inch stainless steel socket set screw, a 1/4 – 20 stainless steel hex head shoulder bolt and a Nylok® hex nut are included.

Item Number	Style Number	Bolt Size	For	Screw Size	Standard Package
287647	BH74	1/4"-20 hex head shoulder bolt; Nylok hex nut	1 in. square tube	1/4"-20 x 5/16" socket set screw	10

Nylok® is a registered trademark of Nylok, LLC.



287640

## Boat Top Fittings – Aluminum – Pontoon H Bracket

Designed for use on pontoon boats with 1-1/4 inch square aluminum tubing. Includes bolt and nut.

Item Number	Style Number	Description	For	Standard Package
287640	34440078	Standard Thin Wall	1-1/4 in. square tube	10
287642	34440077	Tall	1-1/4 in. square tube	10

## Tubing – Marine – Aluminum

This bright dip anodized, drawn aluminum tubing is ideal. Ordering less than full carton is not recommended.

Item Number	Style Number	Description	Length	Outside Diameter	Standard Package	Wall	Weight	Weight Per Carton	Weight Per Foot
275719	6111-18	Round	24 ft.	7/8 in.	432	0.065 in.		92 lbs.	0.2100 lbs.
275701		Round	20 ft.	7/8 in.	1 piece	0.065 in.	4 lbs.		
275718	6154	Square	24 ft.	1 in.	24	0.062 in.		178 lbs.	0.2650 lbs.

## Bimini Bow Frames



205381

Bow Bimini top kit (minus fabric). Comes in ready-to-assemble kit form. Packaged one boat set per box with hardware. Made with 7/8 in. outside diameter by 0.058 wall 6063, T832 hard drawn marine aluminum tubing with a brite anodized finish and joined together with inside sleeves. The radius of the bends is 6 in. inside diameter.

### 2-Bow Contents:

- 4 x Eye End - Chrome plated, zinc die-cast, 7/8-inch OD tubing (#282184)
- 2 x Jaw Slide - Chrome plated, zinc die-cast, 7/8-inch OD tubing (#287881)
- 2 x Deck Hinge - Chrome plated, zinc die-cast (#284084)
- 2 x Eye Strap - Chrome plated, zinc die-cast (#287890)
- 4 x Adjuster Buckle - Stainless steel type 304, single bar, 1-inch (#207620)
- 2 x Spring Snap - Zinc plated, steel wire snap, 1-inch (#266741)

### 3-Bow Contents:

- 6 x Eye End - Chrome plated, zinc die-cast, 7/8-inch OD tubing (#282184)
- 4 x Jaw Slide - Chrome plated, zinc die-cast, 7/8-inch OD tubing (#287881)
- 2 x Deck Hinge - Chrome plated, zinc die-cast (#284084)
- 4 x Eye Strap - Chrome plated, zinc die-cast (#287890)
- 6 x Adjuster Buckle - Stainless steel type 304, single bar, 1-inch (#207620)
- 4 x Spring Snap - Zinc plated, steel wire snap, 1-inch (#266741)

Item Number	Style Number	Description	Standard Package	Width
205381	4850D	2 Bow Frame	1	80"
205382	4851D	3 Bow Frame	1	96"



## Bow Slats – Fiberglass

These fiberglass bow slats have a slightly rounded edge, which reduces splinters and prevents damage to fabricated products like boat covers.

Item Number	Color	Length	Standard Package	Width
266361	Natural	6 ft.	10	1.75 in
266362	Natural	6-1/2 ft.	10	1.75 in
266363	Natural	7 ft.	10	1.75 in
266364	Natural	8 ft.	10	1.75 in
266365	Natural	10 ft.	10	1.75 in



286199

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Coaming Side Plate

For use on side of boat when regular hinge cannot be mounted on deck. Furnished with 1/4 inch – 28 x 3/4 inch stainless steel hinge bolt.

Item Number	Style Number	Bolt Size	Compatible with	Standard Package
286199	898-1839	1/4"-28 x 3/4" hinge bolt	#10 screws	10



282177

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Slip-Fit Eye End

With stainless steel set screw.

Item Number	Style Number	For	Number Of Set Screws	Screw Size	Standard Package
282177	824	7/8 in. OD tubing, 1/2 in. ID pipe	1	1/4"-28 pointed set screw	10
282184	824-1843	7/8 in. OD tubing, 1/2 in. ID pipe	1	1/4"-28 pointed set screw	10
282183	833A-1842	3/4 in. OD tubing, 5/8 in. ID pipe	1	1/4"-28 pointed set screw	10



282183

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Eye Strap



287890

Item Number	Style Number	Standard Package	Thickness
287890	8816	10	3/16 in.



284088

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Angle Hinge

10° angle, with stainless steel screw.

Item Number	Style Number	Projection	Screw Size	Standard Package
284088	887-1841	1 in.	1/4"-20	10



284084

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Deck Mounting Hinge

Furnished with stainless steel machine screw.

Item Number	Style Number	Projection	Screw Size	Standard Package
284084	878 HD	1-1/16 in.	1/4"-20	10



287687



287881

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Jaw Slide

Equipped with stainless steel set screw and machine screw.



287691

Item Number	Style Number	For	Screw Size	Standard Package
287686	865	3/4 in. OD tube	1/4"-20	10
287687	856-1838	7/8 in. OD tube	1/4"-20	10
287691	856 HD	7/8 in. OD tube	1/4"-20	10
287881	86004	7/8 in. OD tube	1/4"-20	10



287839

## Boat Top Fittings – Chrome-Plated Zinc Die-Cast – Boat Cover Socket

Ideal to keep boat covers from sagging. Use with Trivantage® Fiberglass Bow Slats to support boat cover. Two screw holes drilled for No. 8 screw.

Item Number	Style Number	Size	Standard Package
287840	740-CR180	3/8 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 3/4 in. base	10
287839	840	1/2 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 7/8 in. base	10

Trivantage® is a registered trademark of Glen Raven, Inc.



207608

## Boat Top Fittings – Nickel-Plated Brass – Adjuster Buckle

Single bar buckle to adjust strap.

Item Number	Style Number	Standard Package	Webbing Size
207608	100	100	1 in.



287872

## Boat Top Fittings – Nickel-Plated Brass – Eye Strap

Style No. 2816 Eye Strap is for fastening No. 142-A Snap Hook to deck. Style No. 2916 Eye Strap is for fastening No. 249-0 Snap Hook to deck.

Item Number	Style Number	Standard Package	Thickness
287870	2816	10	3/16 in.
287872	2916	10	1/8 in.



266682

## Boat Top Fittings – Nickel-Plated Brass – Solid Eye Snap Hook

Item Number	Style Number	Description	Length	Standard Package	Webbing Size
266682	249B-0		2-1/8 in.	10	
266684	248B-0	Square Eye		10	1 in.



266684

266682 - For use with 2916 Eye Strap.



289639

## Boat Top Fittings – Nylon – Bimini Top Ladder Clip

Item Number	Style Number	Color	Size	Standard Package
289599	4330	Black	1 in.	10
289639	4330	Black	7/8 in.	10
289640	4330W	White	1 in.	10
289598	4330W	White	7/8 in.	10



289607

## Boat Top Fittings – Nylon – Rigid Support Clip

Item Number	Style Number	Color	Size	Standard Package
289607	21463	Black	7/8 in.	1



289608

## Boat Top Fittings – Nylon – Vadney Clip

Used for putting screw studs on a windshield of a boat.

Item Number	Style Number	Color	Standard Package
289608	1178120	Black	10

## Boat Top Fittings – Nylon – Eye End



289202

Item Number	Style Number	Description	Color	For	Screw Size	Standard Package
289202	7416	Outside Eye End	White	3/4 in. OD tube		10
289203	7417	Insert Eye End	White	7/8 in. OD tube		10
289204	7419	Outside Eye End	White	7/8 in. OD tube	1/4"-20	10
289251	7402	Insert Eye End	Black	3/4 in. OD tube		10
289252	7416	Outside Eye End	Black	3/4 in. OD tube	1/4"-20	10
289253	7417	Insert Eye End	Black	7/8 in. OD tube		10
289254	7419	Outside Eye End	Black	7/8 in. OD tube	1/4"-20	10
289255	7419	Outside Eye End	Natural	7/8 in. OD tube		10

## Boat Top Fittings – Nylon – Eye Strap



289592

Item Number	Style Number	Color	Standard Package	Thickness
289591	7407	White	1	1/4 in.
289592	7407	Black	10	1/4 in.

## Boat Top Fittings – Nylon – Wedge

Converts 90° deck hinges to angle hinges. Install between deck hinge and deck.



289088



289091

Item Number	Style Number	Description	Color	Standard Package
289088	401-3SB	Base Angle Oval Polywedge – 10°	Black	10
289092	401-3SN	Base Angle Oval Polywedge – 10°	Natural	10
289091	7530B	Base Angle Rectangular Wedge – 9°	Black	10
289090	7530N	Base Angle Rectangular Wedge – 9°	Natural	10

## Boat Top Fittings – Nylon – Curved Shim



289097

Item Number	Style Number	Color	Diameter	Standard Package
289097	401-S-2.36B	Black	2.36 in.	10
289098	401-S-2.36	Silver	2.36 in.	10

## Boat Top Fittings – Nylon – Hinge



289302



289430

Item Number	Style Number	Description	Color	Height	Length	Screw Size	Size	Standard Package	Weight	Width
289342	7443B	Concave Hinge Rail for 7/8 in. Tubing	Black	1-1/2 in.	2-1/2 in.	1/4"-20	7/8 in.	10		1-3/5 in.
289430	7424P	Knurl Screw	Black			1/4"-20 x 7/8	1/4 in. - 20 x 7/8 in.	10		
289352	7405	Large Deck Hinge	Black	1-3/8 in.	2-3/4 in.	1/4"-20		10	0.038 lb.	3/4 in.
289302	7405	Large Deck Hinge	White			1/4"-20		10		
289351	7401	Small Deck Hinge	Black	1 in.	2-3/4 in.	1/4"-20		10	0.034 lb.	1-1/8 in.

## Boat Top Fittings – Nylon – Jaw Slide



289454



289458

Item Number	Style Number	Color	For	Standard Package
289451	7406	White	3/4 in. OD Tubing	10
289452	7418	White	7/8 in. OD Tubing	10
289453	7406	Black	3/4 in. OD Tubing	10
289454	7418B	Black	7/8 in. OD Tubing	10
289458	7515	Black	1 in. Square Tubing	10

## Boat Top Fittings – Nylon – Lashing Hook



289362

Item Number	Style Number	Color	Standard Package
289360	7420	White	10
289362	7420	Black	10
289394	7460B	Black	10

## Boat Top Fittings – Nylon – Double Wing Windshield Latch



289460

Item Number	Style Number	Color	Standard Package
289460	7222B	Black	10

## Boat Top Fittings – Nylon – Bow Socket



289610

Item Number	Style Number	Color	Standard Package
289610	7434	Black	10

## Boat Top Fittings – Nylon – Side Curtain Spacer



289618

Designed to keep clear vinyl side curtains away from convertible top frames. Eliminates scratching and discoloration of vinyl curtains. Snaps over a 7/8 inch or 1 inch outside diameter tube. No tools required for assembly.

Item Number	Style Number	Description	Color	For	Standard Package
289618	7628	Single Spacer	White	7/8 in. OD tube	10
289619	7629	Single Spacer	White	1 in. OD tube	10





289402

## Boat Top Fittings – Nylon – Mounting Plate

Item Number	Style Number	Description	Color	Height	Length	Screw Size	Standard Package	Width
289402	7415	Slide Mount Plate – 2-Hole	Black	4/5 in.	2-1/2 in.	1/4" -20	10	1-1/2 in.



289089

## Boat Top Fittings – Rubber Gasket

Item Number	Style Number	Color	Standard Package
289089	401-GB	Black	10



289505

## Slide Track – Nylon – Slides

Item Number	Style Number	Description	Color	Standard Package
289505	7408	Slide for Deck Hinge	Natural	10
289553	7430	Side Mount Slide	Black	10



289102

## Slide Track – Nylon – Slide Cap

Item Number	Style Number	Description	Color	Standard Package
289102	7404	Slide Cap Channel Trim End Cap	Black	10
289153	7429	Slide Cap Channel Trim End Insert	Black	10



289371

## Slide Track – Nylon – Slide Lock

Item Number	Style Number	Description	Color	Standard Package
289371	7432	Slide Lock	Black	10



289354

## Slide Track – Nylon – Hinge

Item Number	Style Number	Description	Color	Standard Package
289354	7431	Deck Hinge/Slide Combination	Black	10

## Tele-Sun Shade Poles

The Tele-Sun Shade Pole is a premium product that allows boaters to escape from the sun's UV rays while on their boat. Built to handle harsh marine conditions, these top-of-the-line shade poles are made from UV-protected carbon fiber. The poles are easy to install and stow for effortless boat shade. Simply place the poles in the boat's rod holders, secure the shade fabric to the boat top, attach the fabric connector to the poles, and extend the poles into position. It can be mounted to the front or rear of the boat, depending on preference. Create custom, removable marine shade with Tele-Sun Shade Poles. 1 each is 1 pair (2 poles).

Note: Shade Pole (#204533) is not compatible with the Flush Mount Rod Holder (#205431).



205432

Item Number	Style Number	Description	Color	Material	Size	Standard Package
205431	F31-0702BXY	Flush Mount Rod Holder		Aluminum	Flange width: 3-1/2 in., Tube: 5-1/2 in., Angle: 10°.	1
205432	T10-7005CF	Shade Pole with Carrying Bag	Black	Carbon Fiber	52 in. to 80 in.	1 Pair
205433	T10-7001VEL	Shade Pole with Carrying Bag	Silver	Aluminum	44 in. to 69 in.	1 Pair

## Carbiepoles® Shade Poles

Carbiepoles, carbon fiber shade poles are telescoping, light weight and durable making them ideal for boaters to add shade to their boat while anchored or for home patio use. Carbiepoles are adjustable from 68"-88" and will fit in all rod holders. Easy to store and maintain, Carbiepoles are a great choice for customers looking to cool down at home or on the water. Includes a one year limited warranty on carbon fiber poles.

Note: 1.5 in. poles are recommended for 50 sq. ft. or less. Anything over 50 sq. ft. must use a 2 in. pole.



205440

<b>Warranty</b>	1-Year Limited
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Item Number	Description	Color	Diameter	Height	Material	Size	Standard Package
205449	Coverplate for Mounting Base for 1.5 in Poles			0.25 in.	Stainless Steel Type 316		1
205437	Coverplate for Mounting Base for 2 in. Poles			0.25 in.	Stainless Steel Type 316		1
205438	Oval Base Plate for 2 in. Poles					12" (L) x 8" (W) x 8" (H)	1
205448	Separating Mounting Base for 1.5 in. Poles			0.25 in.	Stainless Steel Type 316		1
205436	Separating Mounting Base for 2 in. Poles			0.25 in.	Stainless Steel Type 316		1
205442	Shade Pole with Bag	Blue	1.5 in.		Carbon Fiber	68 in. to 92 in.	1 Pair
205435	Shade Pole with Bag	Black	2 in.		Carbon Fiber	72 in. to 108 in.	1 Pair
205444	Shade Pole with Bag	Red	1.5 in.		Carbon Fiber	68 in. to 92 in.	1 Pair
205440	Shade Pole with Bag	Black	1.5 in.		Carbon Fiber	68 in. to 92 in.	1 Pair
205443	Shade Pole with Bag	Silver	1.5 in.		Carbon Fiber	68 in. to 92 in.	1 Pair
205441	Shade Pole with Bag	White	1.5 in.		Carbon Fiber	68 in. to 92 in.	1 Pair

Carbiepoles® is a registered trademark of AMC Pole Corporation.

## Carbiepoles® Shade Buckles

The Carbiepoles Shade Buckle is designed for shade and boat cover attachment. Consists of a stainless steel buckle, stud/button and a Delrin® pipe adapter.



205447



205447

Item Number	Height	Standard Package
205447	0.25 in.	1

Carbiepoles® is a registered trademark of AMC Pole Corporation. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



154700

## Mooring Pole – Aluminum “Thumb Screw”

Designed especially for boat mooring covers, the 730 Mooring Pole adjusts to 70 in. overall and collapsed measures 40-5/8 inch. Has 2-1/2 inch long swaged tip designed for No. 3 Grommet or larger. Top section is 3/4 inch O.D. x .049 wall and bottom section is 7/8 inch O.D. x .042 wall, mill finish, drawn 6063T832 aluminum tubing. Comes with crutch tip bottom to prevent marring of boat floor.

Item Number	Style Number	Maximum Extension	Standard Package
154700	730	5 ft. 10 in.	20
205455		7 ft. 11 in.	20



205454

## Mooring Pole – Aluminum Extension

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip. Includes jointer section, adjuster screw and stainless steel internal spring button stop.

Item Number	Style Number	Description	Extension Bar Threaded	Standard Package
205453	4848B	Thumb Screw with Black Rubber Foot Swedged Tip and Stud Tip	48 in. to 96 in.	25
205454	3636B	Thumb Screw with Black Rubber Foot Swedged Tip and Stud Tip	40 in. to 70 in.	25
205458	3636W	Thumb Screw with White Rubber Foot Swedged Tip and Stud Tip	40 in. to 70 in.	25
205467	X56A-2TIP	Cam Lock Snap with Swedge Tip	34 in. to 56 in.	50



205452

## Support Pole – Aluminum Extension

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip.

Item Number	Style Number	Size	Standard Package
205452	X47A-2TIP	47 in.	50
205457	X59A-2TIP	59 in.	50
205459	X70A-2TIP	70 in.	50

## Flex Support – Rubber

This Flex Support is an easy way to support a cover if venting is not required. The rubber sides are designed to “mushroom” down to match the angle of the cover, distributing the weight and protecting it from rips or tears.

Designed to be sewn directly into the cover. This will help keep Flex Support in position for an easy, fixed location to tent the cover.

Item Number	Standard Package
205462	100



## Nylon Pole Fittings

Item Number	Style Number	Description	Color	Size	Standard Package
289625	7623	Jointer Section	Black	3/4 in. - 7/8 in.	10
289185	7521B	Jointer Section	Black	7/8 in. - 1 in.	1
289183	7621	Pole End with Stainless Steel Cap	Black	3/4 in.	1
289180	7610B	Pole Tip	Black	7/8 in.	1
289181	7619	Vinyl Foot	Black	3/4 in.	1
289182	7620	Vinyl Foot	Black	7/8 in.	10



## Nylon Pole Pads

Non-slip base pole pad. Only works with only works specific Support Poles (#205452, #205457, #205459).

Item Number	Description	Size	Standard Package
205460	Adjustable	7/8 in.	50



## Boat Top Fittings – Stainless Steel Type 304 – Adjuster Buckle

Item Number	Style Number	Description	Height	Length	Standard Package	Webbing Size	Width
207620	300	Adjuster Buckle Single Bar	1/5 in.	1-1/5 in.	10	1 in.	1-1/5 in.



## Boat Top Fittings – Stainless Steel Type 304 – Dee Ring

Item Number	Style Number	Description	Height	Inside Diameter	Size	Standard Package	Wire Diameter	Width
260457	4520SS	Welded			1 in.	10		
284235	SS-563-1	Welded	0.75 in. (inside height)	1 in.	1 in.	10	0.135 in.	7/8 in.

## Boat Top Fittings – Stainless Steel Type 303 – Pull Pin

Pull pin with 3/16 inch diameter pin, 1-3/8 inch pin length, 1 inch inner ring handle, and 2-5/16 inch overall length.

Item Number	Standard Package
284044	10



284060

## Boat Top Fittings – Stainless Steel Type 304 – Lift Ring

Item Number	Style Number	Description	Standard Package
284060	F16-1812	Flush Mount Lift Ring	10



263930

## Boat Top Fittings – Stainless Steel Type 304 – Hinge/Set Screw

Item Number	Description	Screw Size	Size	Standard Package	Threaded For Size
263930	Cup Point Set Screw 3/16 in.	1/4" -28 x 3/16	3/16 in.	10	1/4 - 28
263914	Machine Screw for #356/357 Jaw Slides			10	1/4 - 20



263914



266683

## Boat Top Fittings – Stainless Steel Type 304 – Snap Hook

Item Number	Style Number	Description	Length	Standard Package	Webbing Size
266683	990SS	Steel Wire Snap	2-1/8 in.	25	1 in.



284217



284220



284218



284221

## Boat Top Fittings – Stainless Steel Type 304 – Quick Release Pin

Item Number	Style Number	Description	Standard Package
284217	88546	Quick Release Pin (1/4 in. diameter, 7/8 in. grip)	10
284218	88547	Quick Release Pin (1/4 in. diameter, 7/8 in. grip) w/Tab and 6" Nylon-Coated Stainless Steel Cable	10
284220	88551	Quick Release Pin (1/4 in. diameter, 1 in. grip) w/DCAM-S Ring	10
284221	88548	Quick Release Pin (1/4 in. diameter, 3/4 in. grip) w/DCAM-S Ring and 6" Nylon-Coated Cable	10





282132



282133



282172



282173



284257

## Boat Top Fittings – Stainless Steel Type 316 – Eye End

Item Number	Style Number	Description	For	Screw Size	Standard Package
282172	324	Eye End	7/8 in. OD tube		10
282132	324-88313	Eye End	7/8 in. OD tube		10
282173	338	Eye End	1 in. OD tube		10
282133	338-88314	Eye End	1 in. OD tube		10
284257	88328	Eye End with Double Set Screw	1-1/4 in. OD tube	1/4"-28 pointed set screw	10



282210



282214



282211

## Boat Top Fittings – Stainless Steel Type 316 – Ball Eye End

Item Number	Style Number	Description	For	Standard Package
282209	F11-0177A	Ball Eye End For Pop Rivet	7/8 in. OD tube	10
282210	F11-0177S	Ball Eye End For Set Screw	7/8 in. OD tube	10
282211	F11-0180S	Ball Eye End – 90°	7/8 in. OD tube	10
282214	F12-0181S	Ball Eye End	1 in. OD tube	10



282171



282175

## Boat Top Fittings – Stainless Steel Type 316 – Counter Bore Eye End

Item Number	Style Number	Description	For	Standard Package
282171	324	Counter Bore Eye End without Set Screw	7/8 in. OD tube	10
282175	333	Counter Bore Eye End without Set Screw	3/4 in. OD tube	10



282140



282179



282176



282187

## Boat Top Fittings – Stainless Steel Type 316 – Humpback Eye End

Item Number	Style Number	Description	Bolt Size	For	Screw Size	Standard Package
282176	324	Humpback Eye End		7/8 in. OD tube		10
282179	338	Humpback Eye End		1 in. OD tube		10
282187	8208	Humpback Eye End with 2 Double Set Screws	1/4 in.	1-1/4 in. OD tube	1/4"-28 pointed set screw	10
282139	88396	Humpback Eye End with Double Set Screw	1/4 in.	7/8 in. OD tube	1/4"-28 pointed set screw	10
282140	88397	Humpback Eye End with Double Set Screw	1/4 in.	1 in. OD tube	1/4"-28 pointed set screw	10

## Boat Top Fittings – Stainless Steel Type 316 – Eye Strap



284216

287874



284276

287875

Item Number	Style Number	Description	Drilled For	Height	Length	Standard Package	Thickness
287875	3816	Eye Strap	0.208/0.198 in. Hole, 82° countersink			10	3/16 in.
284276	88545	Eye Strap	#10 screw	5/8 in.	1-7/8 in.	25	1/8 in.
284216	88542	Formed Eye Strap	#8 screw	1/2 in.	1-7/8 in.	10	3/16 in.
287874	3716	Heavy Duty Eye Strap	0.200 in. Hole			10	3/16 in.

## Boat Top Fittings – Stainless Steel Type 316 – Grab Handles



284262

For use with 7/8" stainless steel tubing. Comes packaged with 2 handles per package.

Item Number	Style Number	Description	For	Standard Package
284262	9114665	Bimini/Dodger Adjustable Grab Handles	7/8 in. tubing	Pack of 2

## Boat Top Fittings - Stainless Steel Type 316 - Hinge/Set Screw

Item Number	Style Number	Description	Screw Size	Size	Standard Package	Threaded For Size
284282	88338	Cone Point Allen Drive Set Screw	1/4"-28 x 3/16	3/16 in.	10	1/4 - 28



284071



284073



284208



284207

## Boat Top Fittings – Stainless Steel Type 316 – Angle Hinge

Item Number	Style Number	Description	Drilled For	Material	Panhead Screw	Projection	Screw Size	Size	Standard Package
284207	230	Angle Hinge with Screw	#10 screw	Stainless Steel Type 316	1/4 - 20		1/4"-20	3/4 in. x 2 in.	10
284073	387QR	Angle Hinge without Pin – 10° (1/4 in. drilled hole)	#10 screw	Stainless Steel Type 316	1/4 - 20	1 in.		7/8 in. x 2 in.	10
284208	233	Angle Hinge without Screw (1/4 in. drilled hole)	#10 screw	Stainless Steel Type 316				3/4 in. x 2 in.	10
284071	387	Angle Hinge – 10°	#10 screw	Stainless Steel Type 316	1/4 - 20	1 in.	1/4"-20	7/8 in. x 2 in.	10

## Boat Top Fittings – Stainless Steel Type 316 – Concave Hinge



284086

284210



284209

Item Number	Style Number	Description	Drilled For	Projection	Screw Size	Size	Standard Package
284086	386R	Concave Hinge	#10 screw	1-1/4 in.	1/4"-20	3/4 in. x 2-7/16 in.	10
284209	88321	Concave Hinge with 1/4 in. Bolt	#10 screw	1-3/8 in.	1/4 in.	7/8 in. x 2 in.	10
284210	88321N	Concave Hinge without Pin	#10 screw	1-3/8 in.		7/8 in. x 2 in.	10

## Boat Top Fittings – Stainless Steel Type 316 – Socket



284120

284124



284123

Item Number	Style Number	Description	Height	Length	Standard Package	Width
284124	F13-0242/244BN	Concave Hinge Socket with Lanyard	1 in.	2 in.	10	1-1/2 in.
284120	F13-0241/244BN	Deck Hinge Socket with Lanyard			10	
284123	F13-0301/244BN	Hinge Socket with Lanyard			10	



284082

284083

284206

284102

282134

284059

284070

## Boat Top Fittings – Stainless Steel Type 316 – Deck Hinge

Item Number	Style Number	Description	Drilled For	Panhead Screw	Projection	Screw Size	Size	Standard Package
284083	401-07	Bimini Quick Release Deck Hinge	#10 screw		1 in.	1/4"-20	1-3/16 in. x 3-1/2 in.	10
284102	415	Bimini Quick Release Deck Hinge			1.3 in.		3.6 in.	10
284130	F13-1085P	Deck Hinge with D-Ring Port				#8 Oval Head CS Screw		10
284131	F13-1085S	Deck Hinge with D-Ring Starboard				#8 Oval Head CS Screw		10
284082	378QR	Deck Hinge without Pin (1/4 in. drilled hole)	#10 screw		1-1/8 in.		7/8 in. x 2 in.	10
282134	88320N	Deck Hinge without Pin – 90° (1/4 in. drilled hole)	#10 screw				3/4 in. x 2 in.	10
284206	88320	Deck Hinge – 90°	#10 screw	1/4 - 20		1/4"-20	3/4 in. x 2 in.	10
284059		Heavy Duty Adjustable Deck Hinge – 90°	1/4-20 screw		1-1/2 in.	1/4"-20		10
284259	88320-3	High Profile Deck Hinge	#10 screw	5/16 in. flush head screw	3 in.		1 in. x 2 in.	10
284070	378	Straight Deck Hinge	#10 screw	1/4 - 20	1-1/8 in.	1/4"-20 panhead screw	7/8 in. x 2 in.	10

## Boat Top Fittings – Stainless Steel Type 316 – Post



284091

Item Number	Style Number	Description	Size	Standard Package
284091	401-P-07 5/8	Bimini Quick Release Deck Hinge Post	5/8 in.	10
284109	401-P-07 1/2	Bimini Quick Release Deck Hinge Post	1/2 in.	10

## Boat Top Fittings – Stainless Steel Type 316 – Locking Rail Hinge



284265

Item Number	Style Number	Description	For	Standard Package
284265	9027204	Locking Rail Hinge with Quick Release Pin	7/8 in. OD tube	10
284270	9027202	Locking Rail Hinge with Quick Release Pin	1 in. OD tube	10
284278	200297	Locking Rail Hing with Push Button Release	7/8 in. OD tube	10

## Boat Top Fittings – Stainless Steel Type 316 – Side Deck Plate Hinge



286170

Item Number	Style Number	Description	Bolt Size	Drilled For	Screw Size	Size	Standard Package
286170	398	Side Deck Plate – 2-Hole	1/4"-20 Bolt	#10 screws	1/4"-20	7/8 in. x 2 in.	10
286172	388	Side Deck Plate – 4-Hole	1/4"-20 Phillips Bolt	#10 screws			10
286173	388	Side Deck Plate – 4-Hole	5/16" Hex Bolt	#10 screws			10

## Boat Top Fittings - Stainless Steel Type 316 - Side Mount Hinge



289324

Item Number	Description	For	Standard Package
289324	Sliding Side Mount Hinge	1-1/4 in. OD tube	10
289328	Split Side Mount Hinge	1 in. OD tube	10

## Boat Top Fittings – Stainless Steel Type 316 – Lashing Hook



287876

Item Number	Style Number	Description	Size	Standard Package
287876	89010	Lashing Hook with two 3/16 inch holes.	1 in. x 1-1/4 in.	10

## Boat Top Fittings – Stainless Steel Type 316 – Hinged Jaw Slide



284268

Item Number	Style Number	Description	For	Screw Size	Standard Package
284267	8731442	Hinged Jaw Slide with Allen Set Screw	7/8 in. OD tube	1/4"-20	10
284268	8731443	Hinged Jaw Slide with Allen Set Screw	1 in. OD tube	1/4"-20	10
284269	8731447	Hinged Jaw Slide with Allen Set Screw	1-1/4 in. OD tube	1/4"-20	10



226948

## Boat Top Fittings – Stainless Steel Type 316 – Rail

Item Number	Description	Bolt Size	For	Standard Package
226947	Locking Hinged Jaw Slide	1/4 in.	1 in. OD tube	10
226948	Locking Hinged Jaw Slide	1/4 in.	1-1/4 in. OD tube	10

## Boat Top Fittings – Stainless Steel Type 316 – Humpback Jaw Slide



282137



287657



282138



287659

Item Number	Style Number	Description	Bolt Size	For	Screw Size	Standard Package
282137	88398	Humpback Jaw Slide with 2 Set Screws	1/4 in.	7/8 in. OD tube	1/4"-28 pointed set screw	10
282138	88399	Humpback Jaw Slide with 2 Set Screws	1/4 in.	1 in. OD tube	1/4"-28 pointed set screw	10
287657	356	Humpback Jaw Slide		7/8 in. OD tube		10
287659	368	Humpback Jaw Slide	1/4"-20 x 49/64" length slot head bolt	1 in. OD tube	1/4"-28 x 1/4" length hex socket head set screw	10

## Boat Top Fittings – Stainless Steel Type 316 – Jaw Slide



282135



287652



282136



287653

Item Number	Style Number	Description	For	Panhead Screw	Screw Size	Standard Package
287652	356	Jaw Slide with 1/4-28 Set Screw	7/8 in. OD tube	1/4 - 20	1/4"-20	10
287653	368	Jaw Slide with 1/4-28 Set Screw	1 in. OD tube	1/4 - 20	1/4"-20	10
282135	356-88316	Jaw Slide without 1/4-28 Set Screw	7/8 in. OD tube	1/4 - 20		10
282136	356-88317	Jaw Slide without 1/4-28 Set Screw	1 in. OD tube	1/4 - 20		10





284258

## Boat Top Fittings – Stainless Steel Type 316 – Heavy-Duty Jaw Slide

Item Number	Style Number	Description	Bolt Size	For	Standard Package
284258	88329	Heavy Duty Jaw Slide with 2 Set Screws	5/16 in.	1-1/4 in. OD tube	10



284255

## Boat Top Fittings – Stainless Steel Type 316 – Jaw Slide For Pop Rivet

Item Number	Style Number	Description	For	Standard Package
284255	F11-1001	Jaw Slide Socket For Pop Rivet	7/8 in. OD tube	10



287635

## Boat Top Fittings – Stainless Steel Type 316 – Socket Jaw Slide

Item Number	Style Number	Description	For	Screw Size	Standard Package
287635	F11-1001AS	Jaw Slide Socket with Set Screw	7/8 in. OD tube	1/4 in. x 3/16 in. (set screw)	10
287636	F12-0300S	Jaw Slide Socket with Set Screw	1 in. OD tube	1/4 in. x 3/16 in. (set screw)	10



284215

## Boat Top Fittings – Stainless Steel Type 316 – Adjuster Buckle

Item Number	Style Number	Description	For	Standard Package
284215	9114706	Web Adjuster Buckle with Recessed Base	1 in. OD tube	10



284126

## Boat Top Fittings – Stainless Steel Type 316 – Pull Pin

This Pull Pin features a 1-1/2 inch length by 1/8 inch diameter, a 1 inch Pull Knob and 3 inch Lanyard.

Item Number	Style Number	Standard Package
284126	F13-0244BN	10



284203

## Boat Top Fittings – Stainless Steel Type 316 – Push Button

Item Number	Style Number	Description	Standard Package
284203	89008	Push Button	10



226965

## Boat Top Fittings – Stainless Steel Type 316 – Snap Hook

Item Number	Style Number	Description	For	Length	Standard Package	Webbing Size
226965	89007	Fast Eye Heavy Duty Snap Hook	1 in. OD tube	2 in.	10	1 in.



226940

## Boat Top Fittings – Stainless Steel Type 316 – Side Mount with Concave Base

Item Number	Description	Standard Package
226940	Side Mount – 90°	10
226941	Side Mount – 75°	10



282216

## Boat Top Fittings – Stainless Steel Type 316 – Elbow Eye End

Item Number	Style Number	Description	For	Standard Package
282216	88310	Elbow – 90°	1 in. OD tube	10



226920

## Boat Top Fittings – Stainless Steel Type 316 – Slip Tee

Item Number	Description	For	Standard Package
226920	Slip Tee – 90°	7/8 in. OD tube	10
226922	Slip Tee – 90°	1 in. OD tube	10



226921

## Boat Top Fittings – Stainless Steel Type 316 – Hinged Tee

Item Number	Description	For	Screw Size	Standard Package
226921	Hinged Slip Tee – 90°	7/8 in. OD tube	1/4" -28 pointed set screw	10



208340

## Boat Top Fittings – Stainless Steel – Push Button

Item Number	Style Number	Size	Standard Package
208340	II-132	1/4 in.	10



286167

## Boat Top Fittings – Stainless Steel Type 316 – Coaming Pad Hook and Eye Set

This coaming pad hook and eye set (clip) is a two-part design made of high quality type 316 stainless steel. Due to the low-profile design, the clip does not require large mounting holes in a bolster substrate. Clips are sold as a set, and include both components to make for easy upholstery installation and removal.

Item Number	Height	Standard Package
286167	0.25 in.	10



255216

## Boat Top Fittings – Stainless Steel – Bolster Clip

Item Number	Style Number	Length	Standard Package	Width
255216	F16-0094	2.31 in.	1	0.75 in.



275737

## Tubing – Marine – Stainless Steel Type 304

For convertible boat tops and boat railings. Available from 7/8 inch to 1-1/4 inch O.D. with 16 and 18 gauge wall thicknesses. This tubing is tig welded, polished, buffed and paper sleeved. Sold in full lengths only.

Item Number	Length	Outside Diameter	Standard Package	Wall
275737	24 ft.	1 in.	1 piece	0.049 in.
275736	24 ft.	1 in.	1 piece	0.065 in.
275738	24 ft.	1-1/4 in.	1 piece	0.065 in.
275734	24 ft.	7/8 in.	1 piece	0.049 in.
275732	24 ft.	7/8 in.	1 piece	0.065 in.



275741

## Tubing – Marine – Stainless Steel Type 316

For convertible boat tops and boat railings. This tubing is tig welded, polished, buffed and paper sleeved. Sold in full lengths only.

Item Number	Gauge	Length	Outside Diameter	Standard Package	Wall
275741	16	24 ft.	1 in.	1 piece	0.065 in.



578131

## Keder – Marine

Made from a unique, heavy-duty polyester fabric welded to a solid PVC cord. It is easy to sew and won't tear out. It easily slides through Flex-A-Rail and various PVC and aluminum track.

Item Number	Style Number	Color	Put Up	Size
578131		Black	109 yd.	7.5 mm
578134	C7420	Black	109 yd.	8.5 mm x 20 mm
578130		White	109 yd.	7.5 mm
578133	C7420	White	109 yd.	8.5 mm x 20 mm

## Keder – Tent

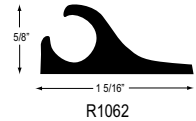
Keder is designed specifically for use in outdoor tensile structures where strength and resistance to the elements are critical. Made from a unique, heavy-duty polyester fabric welded to a solid PVC cord. It is easy to sew and won't tear out.

Available to ship by LTL only.

Item Number	Color	Put Up	Size
578137	Panama with Blackout	218 yd.	11 mm x 40 mm



251028



250817

## Track – PVC

This rigid PVC molding is UV resistant, non-corrosive, non-rusting and can be used in or on salt water. Can be shaped very easily. Will crack under extremely cold conditions.

Sold in full lengths only.

Item Number	Style Number	Description	Color	Degree of Channel	Flange Size	Length	Material	Standard Package	Width
250816	333	With Flange	White	90°	0.610 in.	7.5 ft.	PVC	25	1-1/4 in.
250817	R1062	With Flange	White	45°	0.610 in.	7.5 ft.	PVC	25	1-1/4 in.
250825	1445	With Flange	White	90°	0.610 in.	18 ft.	PVC	25	1-1/4 in.
250828	R1062	With Flange	White	45°	0.610 in.	14 ft.	PVC	25	1-1/4 in.
250829	90-Z-W	Flexible without Flange	White	90°	0.610 in.	7.5 ft.	PVC	20	0.63 in.
250830	90-2-B	Flexible without Flange	Black	90°	0.610 in.	7.5 ft.	PVC	20	1 in.
250831	180-2-W	Flexible	White	90°	0.610 in.	15 ft.	PVC	20	1 in.

## Track – Costa Track®

Costa Track is a center mount track with a heavy-duty PVC profile that maximizes load capability for large covers, bimini and track-to-track enclosures. It is pre-drilled every four inches, and can be heat-formed to most radiuses. Its large channel opening allows use of stainless steel #6 oval head screws for more secure attachment. The deep screw trough base design allows for use of 8.5mm Keder with sufficient clearance of screw heads.

Costa Track is designed with a pocketed underside to accommodate Double-Faced Foam Pressure Sensitive Tape, which is used to set and seal the track to the mounting surface before being secured with the screws.

Item Number	Description	Color	Length	Standard Package	Type	Width
578061	UVR Heavy Duty Vinyl	White	16 ft.	1 piece	Flat	1.5 in.
578063	UVR Heavy Duty Vinyl	Off-White	16 ft.	1 piece	Flat	1.5 in.
578066	UVR Heavy Duty Vinyl	Off-White	16 ft.	1 piece	Contoured	1.5 in.
578067	UVR Heavy Duty Vinyl	White	16 ft.	1 piece	Contoured	1.5 in.
578080	UVR Heavy Duty Vinyl	White	7 ft. 8 in.	1 piece	Flat	1.5 in.

Costa Track® is a registered trademark of Costa Marine Canvas and Enclosures.

## Track – Costa Track® End Cap

This polished end cap gives a professional finish to your Costa Track® track installation while protecting the PVC opening from being “burned out” by taking the keder in and out of the track. Not applicable for contoured Costa Track.



284246

Item Number	Style Number	Height	Length	Material	Standard Package	Width
284246	501354800	3/4"	1"	Stainless Steel Type 316	10	3/4"

## Track – Three Channel – PVC

This white PVC Three Channel Track is designed to extend double track capabilities to locations where fasteners are not available, or when track cannot be mounted to a boat, such as the crown on a hardtop, and cross sections of fabric or stainless steel rods. This track can be used with Trivantage® 8.5 mm Keder.



578069

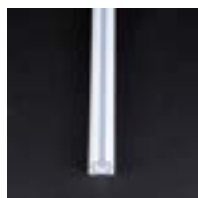
Item Number	Style Number	Color	Length	Put Up	Standard Package	Width
578069	1290-0003	White	12 ft.	12 ft.	144	0.5 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

## Track – Flex-A-Rail

Flex-A-Rail provides quick and easy installation of boat windshields, tops, covers and curtains.

A PVC extrusion, Flex-A-Rail is non-corrosive and can be run around tight corners without the use of crimping tools. Only small amounts of heat are needed to bend or straighten. Designed for use of 7.5mm Keder. Pre-drill holes just slightly larger than the shank of the screw (screw item# 265453). Holes should be 2 inches to 2-1/2 inches apart for tight radiuses, and 4 inches to 8 inches apart depending upon the configuration of the mounting surface.



578019

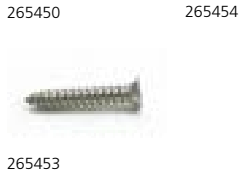
Item Number	Style Number	Description	Color	Length	Size	Standard Package	Width
578019	180-2-W	UVR Vinyl	White	180 in.	7.5 mm	50	1 in.





## Track – Trim Screws

For use with PVC and aluminum track.



Item Number	Description	Material	Size	Standard Package
265453	Hex Head Trim Screw	Stainless Steel Type 302	#6 x 3/4" x #4, #0 Square Drive	100-pack
265450	Phillips Head Trim Screw	Stainless Steel	#6 x 3/4" x #4, Phillips Drive	100-pack
265454	Phillips Head Trim Screw	Stainless Steel Type 302	#6 x 5/8" x #4, Phillips Drive	100-pack



## Track – Headliner

Headliner track is an efficient and cost effective way to install or replace headliners. With Headliner Track, there is no need for staplers or trim strips, and fabricators no longer need to work in enclosed spaces using toxic adhesives and heavy foam backed fabrics.

Headliner Track also makes it possible to replace damaged headliners or work on parts of the boat which were previously not accessible without damaging or rebuilding the entire headliner. Headliner Track allows you to simply pull the fabric out of the track and put it back when the work is done.

Headliner Track is available in two profiles. The Perimeter track is used for the outside edge of a cabin ceiling and the Mid-Wall track is used as an intermediate attachment of the headliner fabric's seams and centerlines. Attached with screws, Headliner Track can be easily mitered for clean corners or slotted for gradual bends and curves.

Item Number	Description	Color	Degree of Channel	Flange Size	Length	Material	Standard Package	Weight Per Foot	Width
250837	Perimeter Track	White	90°	0.610 in.	18 ft.	PVC	25	0.15 lbs.	1.5 in.
250838	Mid Wall Track	White	90°	0.610 in.	18 ft.	PVC	25	0.15 lbs.	1.5 in.



## Boat Vent 3

Boat Vent 3 is an improved version of Boat Vent II, which made its name in the marine industry by preventing the growth of mold and mildew on covered boats. Made from a high UV-inhibited plastic, improvements include 40% more venting, an overhanging top to deter moisture, 30 washer teeth for better grip and an ergonomic reversible nut for easy installation.

277543

Item Number	Color	Standard Package
277543	Black	10



## Boat Vent II

A plastic cover support and venting device for use with 3/4 inch or 7/8 inch mooring poles. Designed to distribute a greater volume of exhaust air while closing the top-to-bottom gap that keeps rain out. Suitable for all types of fabric. Unique design eliminates the need for screws, saving time.

277541

Item Number	Color	Standard Package
277541	Black	10



277664

## Boat Vents

Boat Vents

Venting caps for covered marine craft. Designed to prevent mold and mildew growth.

Item Number	Description	Color	Material	Size	Standard Package
277664	Boat Vent Aero Sew In Vent with Screen	Black	Rubber	1-1/2 in. (H) x 5 in. (W) x 6-1/8 in. (L)	10



277547

## SoftVent™ Vented Pole Cap

Item Number	Description	Color	Standard Package
277547	Vented Pole Cap	Black	50
277548	Sewing Attachment Tool		1

SoftVent™ is a trademark of PrecisionSew, LLC.



277540

## Boat Vent Circle Cutter

Convenient circle cutter allows a hole to be cut in a matter of seconds, for quick and easy installation of the Boat Vent device into fabric. Simply place the cutter in position on the canvas where your Boat Vent is going to sit, press down, and rotate the handle clockwise. One complete revolution provides the perfect 2-1/4" hole for Boat Vent II or a 2-4/5" hole for Boat Vent 3. Using the circle cutter will save time and prevent costly mistakes. The one-of-a-kind device guarantees cutting at least 2,500 holes without dulling. You can use this circle cutter with Boat Vent II or Boat Vent 3 just by switching the blade around.

Item Number	Description	Standard Package
277540	Boat Vent Circle Cutter	1
277542	Boat Vent Circle Cutter Replacement Blade	1



## Vent-Sol-Air

Vent-Sol-Air uses a solar-powered fan to circulate air under tented boat covers, which fights mold and mildew, and maintains the appearance of a boat's interior.

Vent-Sol-Air mounts to the pole of tented boat covers and installs in minutes. Its sealed, water-resistant design is constructed of tough-plastic for marine-grade durability. Vent-Sol-Air taps the natural power of the sun without using batteries or power cords.



277550

Item Number	Standard Package
277550	10

## HANGTYTE Boat Cover System



274811

HANGTYTE is a boat cover suspension system that works with all covers, eliminating the need for poles. The rope ratchet system can be looped over a boat's tower or any overhead structure. Once tightened, HANGTYTE keeps the cover taut and leaves no chance for pooling of water on the cover.

Depending on the size of your boat, you may need one to three HANGTYTE units. One unit for boats 21-foot and under (cockpit), two units for boats in the 22 to 23-foot range (one in the bow, one in the cockpit) and for boats 24-foot and larger, 3 units (one in the bow, two in the cockpit).

Item Number	Style Number	Standard Package
274811	60901-0000	10

## Rope Ratchet



261911

Tie down ratchet for quick and easy tie down of boat covers. Quick release thumb trigger, rubber dipped hook with a working load limit of 150-lbs. to to 225-lbs. breaking strength.

Item Number	Style Number	Rope Size	Standard Package
261911	XRT	1/4 in.	1

## Needle – Sail



251913

Item Number	Style Number	Finish	Length	Material	Standard Package	Type
251916	16	Nickel Plated	2-3/8 in.	Steel	1	Standard
251913	13	Nickel Plated	3 in.	Steel	25	Standard

## Leather Pearl Splits



249205

A sturdy leather fabric that is ideal for marine applications that require extra reinforcement such as cut-outs, patches, etc.

Item Number	Standard Package	Weight
249205	12	~4 oz.



254720

## Pen – Fabric Marking

This white fabric marking pen is a unique new product that outlasts traditional white pencils while eliminating the need for sharpening. Utilizing a water-soluble ink, it writes like a traditional ball point pen with a white ink that can be washed off with water (for easiest removal, remove any unwanted ink marks within a few days).

The pen works well on textured fabrics like Sunbrella®, Hydrofend®, and Serge Ferrari Stamoid®; soft vinyls like Sunbrella Horizon®; and various other upholstery and awning vinyls. It is not effective on products that have slick or hard surfaces like clear vinyl.

**Features:**

Writes with a crisp, fine line for accurate marking.

Can be washed off with a damp rag, making marks easy to erase.

Hard plastic body and cap guards against breaking.

Doesn't become gummy in hot, humid weather.

Item Number	Style Number	Color	For	Standard Package
254720	64538	White	Vinyl laminates, vinyl coated polyester and nylon	12 pens/box

Sunbrella®, Horizon® and Hydrofend® are registered trademarks of Glen Raven, Inc. Stamoid® is a registered trademark of The Serge Ferrari Group.



254710

## Pencil – Fabric Marking

For clear, easy marking of fabrics:

254711 Black graphite pencil designed for use for shop notes, drawings and writing on hard surfaces. Can be used for light use on white fabric, but may be difficult to remove from woven fabrics.

254709 White marking "spit" pencil has a firmer element than the standard "spit" pencil. Designed for use on a variety of fabrics, including clear vinyl. Markings are best removed with a wet cloth.

254710 Soft yellow marking pencil designed for a variety of fabrics, from wovens to vinyls. Care should be taken to avoid marking too hard, as the yellow compound can be hard to remove. At a minimum, markings can be removed with a damp cloth, but heavier markings may require soap and water. Use with acrylic fabrics should be avoided.

Item Number	Description	For	Standard Package
254711	Black Graphite	White fabrics (any type)	72 pencils/box
254709	White Lead 1256 "Spit Pencil"	Vinyl, acrylic and woven fabrics	72 pencils/box
254710	Yellow Lead	Vinyl fabrics	72 pencils/box

Trivantage® is a registered trademark of Glen Raven, Inc.



255209

## Pins – T

Used to secure fabric and make pattern before sewing. A very helpful aid when doing complex custom work, such as a boat top.

Item Number	Length	Material	Put Up	Standard Package
255209	2 in.	Steel	1/2 lb. box	1



255215

## Pins – Upholstery

Item Number	Style Number	Material	Size	Standard Package
255215	190	Steel	3 in.	1 gross



200795

## Anchor – Pool Cover

The No. 50 deluxe brass anchor remains flush with the pool deck when not in use, and is highly corrosion resistant. It allows the cover to be easily and securely installed by unscrewing the bolt to receive "S" hooks on a rubber tie, a rubber tie hole, or the rounded ring end of the stainless steel spring. There are no threads to strip at the top of the bolt.

Item Number	Style Number	Description	Material	Standard Package
200795	50	Pool Anchor	Brass	1



274515

## Ties – Aluminum

These aluminum ties are flexible and very easy to use. Will not rust or stain and are reusable.

Item Number	Style Number	Length	Standard Package
274515	5	5 in.	25



239401

## Hook – Tarp Binding

Cold drawn steel with zinc-plated finish, designed primarily to hold tarp ropes securely on truck bodies. Can be used in any industry where ropes are used, and where rope must be held tight.

Item Number	Style Number	Description	Diameter Hole	Hook Opening	Length	Standard Package	Wire Diameter
239402	12010	Hook No. 3	3/16 in.	5/8 in.	2 in.	25	0.250 in.
239401	12011	Hook No. 5	1/4 in.	1 in.	3-3/4 in.	25	0.365 in.
239452	12009	Hook No. 52C	3/16 in.	7/16 in.	1-1/2 in.	25	0.192 in.



## Screw Eye



226010

Zinc-plated finish – with sharp gimlet points for quick starting.

Item Number	Style Number	Inside Diameter Eye	Length	Length Shank	Standard Package	Wire Diameter
226010	10	13/32 in.	1-3/8 in.	11/16 in.	25	0.135 in.
226008	8	15/32 in.	1-5/8 in.	13/16 in.	25	0.162 in.

## Screw Eye – Long Shank



226085

Zinc-plated. For fastening through wood shingles.

Item Number	Style Number	Inside Diameter Eye	Length	Length Shank	Standard Package
226085	8-1/2	1/2 in.	2-5/16 in.	1-3/8 in.	25

## Screw Eye – Open Eye



226108

Zinc-plated finish with sharp gimlet points for starting.

Item Number	Style Number	Inside Diameter Eye	Length	Length Shank	Standard Package
226108	8	1/2 in.	1-5/8 in.	13/16 in.	25

## O Ring



260920



261012

Item Number	Diameter of Stock	Finish	Gauge	Inside Diameter of Ring	Material	Standard Package
260905	3/32 in.	Nickel Plated	12	5/8 in.	Steel	1000
260906	1/8 in.	Nickel Plated	11	3/4 in.	Zinc Die-Cast	500
260920	0.177 in.	Nickel Plated	9	1 in.	Steel (Welded)	100
261012	3/8 in.	Cadmium	000	3 in.	Steel	50
261034		Zinc Plated	3	1-1/2 in.	Steel	100
261035		Zinc Plated	6	1-1/4 in.	Steel	100
261037	11/32 in.	Zinc Plated	0	1-3/4 in.	Steel	100
261038	11/32 in.	Zinc Plated	0	2 in.	Steel	100
261039	3/8 in.	Zinc Plated	000	2-1/4 in.	Steel	100
261040	3/8 in.	Zinc Plated	000	2-1/2 in.	Steel	100
261042	3/8 in.	Zinc Plated	000	3 in.	Steel	100
261102	0.177 in.		9	1 in.	Type 304 Stainless Steel	100
261106	0.177 in.		9	1 in.	Type 316 Stainless Steel	100

## Spring – Snap Link



Zinc-plated steel.

266677

Item Number	Style Number	Description	Standard Package
266677	245M-50M	1.97 in. x 5 mm wire	25

## Goldline® EPDM Tie-Down And Tarp Strap



269115

Straps reinforced at hook ends. Hooks are 2-1/2 inch and where included come in a quantity of 2.

To determine strap size, let maximum stretch length, below, be your guide. For example, if distance between tarp grommet and trailer tie-down bar is 24 inch, order a 15 inch strap which provides a maximum 25 inch stretch length. If distance is 27 inch, order a 21 inch strap with maximum 34 inch stretch length.

Where hooks are inserted we supply two hooks per strap.

UNIVERSAL POLYMER Warning for EPDM TARP AND TIE-DOWN STRAPS: Observe maximum stretch warnings. Straps should not be stretched more than 50% of their normal length. Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect straps before each use. Discard if abraded, cut or cracked. Straps should not be substituted as primary tie-down device for load.

Item Number	Style Number	Description	Length Overall With Hook	Maximum Stretch With Hook	Standard Package	Tarp Strap Length
269109	635197920	Strap without Hooks	13 in.	18 in.	50	10 in.
269115	635197820	Strap without Hooks	18 in.	25 in.	50	15 in.
269120	635196920	Strap without Hooks	24 in.	34 in.	50	21 in.
269310	635197940	Strap with Hooks Inserted	13 in.	18 in.	50	10 in.
269315	635197840	Strap with Hooks Inserted	18 in.	25 in.	50	15 in.
269321	635196940	Strap with Hooks Inserted	24 in.	34 in.	50	21 in.
269331	635197740	Strap with Hooks Inserted	34 in.	49 in.	50	31 in.
269341	635738940	Strap with Hooks Inserted	44 in.	66 in.	50	41 in.

Goldline® is a registered trademark of Universal Polymer & Rubber LTD.

## Hook – Tarp Strap “S”



239801

Item Number	Style Number	Diameter	Gauge	Length	Material	Size Opening	Standard Package
239806	1			1-11/16 in.	Zinc-Plated Steel		25
239807	3			1-5/8 in.	Zinc-Plated Steel		25
269202		0.172 "	9 gauge	2-1/2 in.	Galvanized Steel	7/8 in.	50



261992

## EPDM Tie-Down Rope Black

Use anywhere constant tension is needed. Just cut the cord to the length required, apply the galvanized double eye hooks at both ends, and it's ready for use. Will not crack, chip or peel. Use in any weather.

UNIVERSAL POLYMER Warning for EPDM ROPE TIE-DOWNS: Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect before use. Discard if abraded, cut or cracked.

Item Number	Style Number	Description	Put Up	Rope Size	Standard Package
261991	933037502		200 ft. coil	3/8 in.	1
261990	933037501		200 ft. coil with 150 double eye hooks	3/8 in.	1
261992	933037503		800 ft. coil	3/8 in.	1
261994	933043701		150 ft. coil	7/16 in.	1
261993	933043702		150 ft. coil with 150 double eye hooks	7/16 in.	1
261995	933043703		600 ft. coil	7/16 in.	1
261996		Galvanized Double Eye Hooks			25



261996

## Snap – Bolt

Malleable iron, loop eye.



266679

Item Number	Style Number	Finish	Length	Material	Standard Package	Webbing Size
266679	25	Cadmium Plated	3-1/4 in.	Malleable Iron	10	1 in.

## Snap – Spring



266672



266895

Item Number	Style Number	Finish	Length	Material	Standard Package	Webbing Size
266680	200	Cadmium Plated	3-1/16 in.	Malleable Iron	10	1 in.
266876	349			Stainless Steel	100	1 in.
266904	5350	Nickel Plated	1-3/4 in.	Steel	20	1 in.
266685	900ST	Nickel Plated		Steel	100	1 in.
266895	5016	Nickel Plated	2-5/8 in.	Steel	100	1 in.
266741	142-A	Zinc Plated	2-1/8 in.	Steel	100	1 in.
266672	200	Zinc Plated	3-9/16 in.	Malleable Iron	10	1-1/2 in.
266681	142-A	Nickel Plated	1-15/16 in.	Steel	100	1-1/2 in.
266674	200	Zinc Plated	3-3/4 in.	Malleable Iron	10	2 in.



266686

## Snap – Tent Wall

Item Number	Style Number	Finish	Material	Standard Package	Webbing Size
266686	340Z	Nickel Plated	Zinc Die Cast	1	1 in.



266514

## Tent Slide

Stamped galvanized steel.

Item Number	Style Number	Length	Rope Size	Standard Package
266514	4	4 in.	5/16 in.	25



267612

## Tent Stake – Steel

Formed of heavy-gauge, precoated galvanized steel. Specially designed top provides maximum strength with minimum weight.

Item Number	Length	Standard Package
267609	9 in.	25
267612	12 in.	25
267615	15 in.	25

## YKK® VISLON® 10VF No. 10 Sliders – Metal



280331

Item Number	Style Number	Description	Color	Color Number	Standard Package
280363	10VFDX	AutoLok Double Pull Tab	Black	580	100
280336	10CFDX	AutoLok Double Pull Tab	White	501	100
280362	10VFDA	AutoLok Single Pull Tab	Black	580	100
280595	10VFDA	AutoLok Single Pull Tab	Light Beige		100
280334	10VFDA	AutoLok Single Pull Tab	White	501	100
280873	10VFDWL	Non-Locking Long Double Pull Tab	Black	580	100
280872	10VFDWL	Non-Locking Long Double Pull Tab	White	501	100
280369	10VDFWW	Non-Locking Short Double Pull Tab	Black	580	100
280332	10VDFWW	Non-Locking Short Double Pull Tab	White	501	100
280331	10VDFW	Non-Locking Short Single Pull Tab	Black	580	100
280330	10VDFW	Non-Locking Short Single Pull Tab	White	501	100
280950	10VDFL	Non-Locking Single Pull Tab	Black	580	100

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## YKK® VISLON® 10VF No. 10 Sliders – Plastic



280417

Item Number	Style Number	Description	Color	Color Number	Material	Standard Package
280364	10VFTX	AutoLok Double Pull Tab	White	501		100
280365	10VFTX	AutoLok Double Pull Tab	Black	580		100
280366	10VFTW	Non-Locking Short Double Pull Tab	White	501		100
280415	10VF	Single Pull Plastic Slider	White	501	Acetal Plastic	100
280417	10VF	Single Pull Plastic Slider	Black	580	Acetal Plastic	100

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## YKK® VISLON® 10VFUV No. 10 Chain (VF)



280311

Full rolls only.

Item Number	Style Number	Color	Color Number	Standard Package	Width
280311	10VF	Black	580	109 yds.	11/16 in.
280309	10VF	Black	580	55 yds.	11/16 in.
299398	10VF	White	501	109 yds.	11/16 in.
280307	10VF	White	501	55 yds.	11/16 in.

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295641

## YKK® VISLON® 5VS No. 5 Sliders – Metal

Item Number	Style Number	Description	Color	Color Number	Standard Package
295658	5VSDXL	AutoLok Standard Double Pull Tab	Black	580	100
295657	5VSDXL	AutoLok Standard Double Pull Tab	White	501	100
295654	5VSDA	AutoLok Standard Single Pull Tab	Black	580	100
295653	5VSDA	AutoLok Standard Single Pull Tab	White	501	100
295650	5VSDWL	Non-Locking Long Double Pull Tab	Black	580	100
295649	5VSDWL	Non-Locking Long Double Pull Tab	White	501	100
295642	5VSDFL	Non-Locking Long Single Pull Tab	Beige	573	100
295641	5VSDFL	Non-Locking Long Single Pull Tab	Black	580	100
295640	5VSDFL	Non-Locking Long Single Pull Tab	White	501	100
295646	5VSDFW	Non-Locking Short Single Pull Tab	Black	580	100
295645	5VSDFW	Non-Locking Short Single Pull Tab	White	501	100

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295670

## YKK® VISLON® 5VS No. 5 Sliders – Plastic

Item Number	Style Number	Description	Color	Color Number	Standard Package
295674	5VSTX	AutoLok Standard Double Pull Tab	Black	580	100
295670	5VSTA	AutoLok Standard Single Pull Tab	Black	580	100
295669	5VSTA	AutoLok Standard Single Pull Tab	White	501	100
295662	5VSTF	Non-Locking Short Single Pull Tab	Black	580	100
295661	5VSTF	Non-Locking Short Single Pull Tab	White	501	100

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295627

## YKK® VISLON® 5VS No. 5 Chain

Full rolls only.

Item Number	Style Number	Color	Color Number	Standard Package	Width
295630	5VS	Beige	573	218 yds.	9/16 in.
295627	5VS	Black	580	109 yds.	9/16 in.
295628	5VS	Black	580	218 yds.	9/16 in.
295625	5VS	White	501	109 yds.	9/16 in.
295626	5VS	White	501	218 yds.	9/16 in.

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## YKK® VISLON® 8VF No. 8 Sliders – Metal



280922

Item Number	Style Number	Description	Color	Color Number	Standard Package
280938	8VFDXL	AutoLok Long Double Pull Tab	Black	580	100
280926	8VFDXL	AutoLok Long Double Pull Tab	White	501	100
280922	8VFDA	AutoLok Single Pull Tab	Black	580	100
280920	8VFDA	AutoLok Single Pull Tab	White	501	100

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## YKK® VISLON® 8VFUV No. 8 Chain



280910

Full rolls only.

Item Number	Style Number	Color	Color Number	Standard Package	Width
280910	8VFUV	Black	580	137 yds.	5/8 in.
280900	8VFUV	White	501	137 yds.	5/8 in.

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## YKK® ZIPLON® Sliders – Metal



279836

Item Number	Style Number	Description	Color	Color Number	Finish	Standard Package
280529	10CFDA6	AutoLok Single Pull Tab	Black	580		100
279836	5CNDA5	AutoLok Single Pull Tab	Black	580		100
280511	10CFDA3	AutoLok Single Pull Tab	White	501		100
279835	5CNDA5	AutoLok Single Pull Tab	White	501		100
279846	5CNDW3L	Non-Locking Long Double Pull Tab	Black	580		100
280341	8CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
280368	10CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
280339	10CFDWL	Non-Locking Long Double Pull Tab	White	501		100
279842	5CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
280515	8CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
280338	10CFDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
280317	4.5CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
279843	5CNDFL	Non-Locking Long Single Pull Tab	Beige	573		100
280514	8CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280319	4.5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
279841	5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280348	10CFDFL	Non-Locking Long Single Pull Tab	Black	580		100
279840	5CNDFL	Non-Locking Long Single Pull Tab	White	501		100
280349	10CFDFL	Non-Locking Long Single Pull Tab	White	501		100
279834	10CFDFL	Non-Locking Long Single Pull Tab	White	501	Powder Coated	100
280510	8CFFDFL	Non-Locking Long Single Pull Tab	White	501		100

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279831

## YKK® ZIPLON® Chain (CF)

Full rolls only.

Item Number	Style Number	Color	Color Number	Standard Package	Width
279827	5CF	Beige	573	218 yds.	5/8 in.
280509	8CF	Beige	573	164 yds.	3/4 in.
280316	10CF	Black	580	109 yds.	3/4 in.
280291	4.5CF	Black	580	218 yds.	5/8 in.
279831	5CF	Black	580	218 yds.	5/8 in.
280591	8CF	Black	580	164 yds.	5/8 in.
280505	8CF	Black	580	164 yds.	3/4 in.
280502	9CF	Black	580	109 yds.	3/4 in.
280315	10CF	White	501	109 yds.	3/4 in.
280290	4.5CF	White	501	218 yds.	5/8 in.
279830	5CF	White	501	218 yds.	5/8 in.
280504	8CF	White	501	164 yds.	3/4 in.

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586090

## YKK® Pull Cord

YKK pull cord with a shell-type zipper cord end and elastic pull cord. Made with a durable black acetal plastic cord end and a highly elastic shock cord, it provides maximum tension and hold. Uses include apparel, accessories, backpacks, luggage, bags, marine and outdoor applications, and more.

Item Number	Style Number	Color	Cord Size	Length	Standard Package
586090	LCWE	Black	1/10 in.	4.5 in.	100

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280492

## YKK® VISLON® Bottom Stops

This YKK bottom stop locks the chain to stop the slider where installed. Easily install the zipper stop end with pliers by piercing the prongs through the tape. Made from die-cast zinc with chip-resistant enamel paint. Use the zipper bottom stop for zipper repair, replacement, or custom zipper projects where a sturdy stopper is needed.

Item Number	Style Number	Color	Color Number	Standard Package
280492	10 VF	Black	580	100
295681	5 VS	Black	580	100
280550	10 VF	White	501	100
295680	5 VS	White	501	100

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280493

## YKK® VISLON® Top Stops

Top stops prevent sliders from running off the zipper chain. Easily install the zipper stop end by removing a tooth where the top stop will be placed (one top stop for each side of the zipper). The durable piece of hardware is made from die-cast zinc with enamel paint. Use the zipper top stop for zipper repair, replacement, or custom zipper projects where a sturdy stopper is needed.

Item Number	Style Number	Color	Color Number	Standard Package
280493	10 VF	Black	580	100
280547	10 VF	White	501	100
295682	5 VS	White	501	100
295683	5 VS	Black	580	100

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280490

## YKK® SNAPCAP®

This revolutionary zipper top stop is ready for assembly – simply snap it onto the end of the zipper. This top stop prevents the slider from running off the zipper chain. Use the SNAPCAP zipper top stop for zipper repair, replacement, or custom zipper projects where a sturdy plastic stopper is needed.

Item Number	Style Number	Color	Color Number	Standard Package
280490	10VF	Black	580	100
280491	10VF	White	501	100

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280974

## Top Stop No. 10

No. 10 Zipper Top Stop is placed over a tooth on each side of the zipper and bent in place with pliers. It eliminates the need to cut the zipper and chain with a hot knife or sew it down to form a stop. Providing added flexibility, the Stainless Steel Zipper Top Stop can be moved if needed.

Item Number	Style Number	Material	Standard Package
280974	89001	Stainless Steel	100



255251

## Zipper Stop Application Tool

Convenient tool designed specifically to apply Zipper Stop to zipper chain, helping eliminate slippage and rotation of the stop. Features a special groove that firmly holds zipper stop in place.

Item Number	Style Number	Standard Package
255251	1012	1



255252

## Zipper Jig

Save time during zipper installations with the Zipper Jig. This handy tool holds YKK® zipper sliders from #2.5 to #10, allowing you to easily install sliders. The lower clamp securely holds the Zipper Jig to a counter, while the upper clamp is used to lock the jig rod in any direction. It even allows you to put a zipper on backwards. The Zipper Jig is 5-1/2 inch x 4-3/4 inch, making it ideal for workstations.

To use simply place the slider upside-down and facing forward into the slot on the rod. Open the zipper one or two inches and hold face down. Feed both sides evenly into the slider held by the rod, coming in at a 45 degree angle. Pull forward and it's done!

Item Number	Style Number	Standard Package
255252	1014	1

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279872

## YKK® VISLON® UV VFUV No. 10 Separating Zipper Automatic Lock – Metal Slider

All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

Item Number	Style Number	Description	Color	Color Number	Length	Standard Package
279872	VFUVOL	Single Pull Metal Slider	Black	32483	108 in.	10
279868	VFUV	Double Pull Metal Slider	Black	41578	144 in.	10
279866	VFUV	Double Pull Nylon Slider	Black	32241	78 in.	10

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279893

## YKK® VISLON® UV VFUV No. 8 Separating Zipper Non-Locking – Double Pull Metal Slider

All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

Item Number	Style Number	Color	Color Number	Length	Standard Package
279890	VFUV	Black	32238	18 in.	10
279891	VFUV	Black	32238	24 in.	10
279893	VFUV	Black	32238	36 in.	10
279895	VFUV	Black	32238	42 in.	10
279896	VFUV	Black	32238	48 in.	10
279897	VFUV	Black	32238	54 in.	10
279898	VFUV	Black	32238	60 in.	10
279900	VFUV	Black	32238	72 in.	10
279875	VFUV	White	32438	18 in.	10
279876	VFUV	White	32438	24 in.	10



Item Number	Style Number	Color	Color Number	Length	Standard Package
279878	VFUV	White	32438	36 in.	10
279880	VFUV	White	32438	48 in.	10
279882	VFUV	White	32438	60 in.	10
279884	VFUV	White	32438	72 in.	10

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296215

## YKK® VISLON® VFOL105W No. 10 Separating Zipper Non-Locking – Double Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
296215	VFOL105W	Black	580	60 in.	10
296234	VFOL105W	Onion	801	72 in.	10

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280243

## YKK® VISLON® VFULVOL-107 DX E No. 10 Separating Zipper With Automatic Lock – Short Double Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
280243	VFULVOL-107 DX E	Natural	572	96 in.	10

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296180

## YKK® VISLON® VFUVOL-106 DA E No. 10 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
296196	VFUVOL-106 DA E	Black	580	110 in.	10
296183	VFUVOL-106 DA E	Black	580	12 in.	10
296198	VFUVOL-106 DA E	Black	580	120 in.	10
296199	VFUVOL-106 DA E	Black	580	144 in.	10
296180	VFUVOL-106 DA E	Black	580	24 in.	10
296182	VFUVOL-106 DA E	Black	580	36 in.	10
296184	VFUVOL-106 DA E	Black	580	42 in.	10
296185	VFUVOL-106 DA E	Black	580	48 in.	10
296186	VFUVOL-106 DA E	Black	580	54 in.	10
296187	VFUVOL-106 DA E	Black	580	60 in.	10
296190	VFUVOL-106 DA E	Black	580	72 in.	10
296192	VFUVOL-106 DA E	Black	580	84 in.	10
296194	VFUVOL-106 DA E	Black	580	96 in.	10
296178	VFUVOL-106 DA E	White	501	120 in.	10
296179	VFUVOL-106 DA E	White	501	144 in.	10
296156	VFUVOL-106 DA E	White	501	18 in.	10
296160	VFUVOL-106 DA E	White	501	24 in.	10
296162	VFUVOL-106 DA E	White	501	36 in.	10
296165	VFUVOL-106 DA E	White	501	48 in.	10
296167	VFUVOL-106 DA E	White	501	60 in.	10
296170	VFUVOL-106 DA E	White	501	72 in.	10
296172	VFUVOL-106 DA E	White	501	84 in.	10
296174	VFUVOL-106 DA E	White	501	96 in.	10

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279692

## YKK® VISLON® VFUVOL-106 EW 11/16 Boat Top UV Separating Zipper with Automatic Lock – Short Single Pull Plastic Slider

Item Number	Style Number	Color	Length	Standard Package
279696	VFUVOL-106 EW 11/16	Black	108 in.	10
279697	VFUVOL-106 EW 11/16	Black	120 in.	10
279690	VFUVOL-106 EW 11/16	Black	24 in.	10
279691	VFUVOL-106 EW 11/16	Black	36 in.	10
279692	VFUVOL-106 EW 11/16	Black	48 in.	10
279693	VFUVOL-106 EW 11/16	Black	60 in.	10
279694	VFUVOL-106 EW 11/16	Black	72 in.	10
279695	VFUVOL-106 EW 11/16	Black	84 in.	10

Item Number	Style Number	Color	Length	Standard Package
279687	VFUVOL-106 EW 11/16	White	120 in.	10
279680	VFUVOL-106 EW 11/16	White	24 in.	10
279681	VFUVOL-106 EW 11/16	White	36 in.	10
279682	VFUVOL-106 EW 11/16	White	48 in.	10
279683	VFUVOL-106 EW 11/16	White	60 in.	10
279684	VFUVOL-106 EW 11/16	White	72 in.	10
279685	VFUVOL-106 EW 11/16	White	84 in.	10
279686	VFUVOL-106 EW 11/16	White	96 in.	10

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296119

## YKK® VISLON® VFUVOL-107 DX E No. 10 Separating Zipper With Automatic Lock – Short Double Pull Metal Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
296145	VFUVOL-107 DX E	Black	580	100 in.	10
296147	VFUVOL-107 DX E	Black	580	108 in.	10
296149	VFUVOL-107 DX E	Black	580	110 in.	10
296118	VFUVOL-107 DX E	Black	580	12 in.	10
296151	VFUVOL-107 DX E	Black	580	120 in.	10
296120	VFUVOL-107 DX E	Black	580	18 in.	10
296119	VFUVOL-107 DX E	Black	580	20 in.	10
296122	VFUVOL-107 DX E	Black	580	24 in.	10
296154	VFUVOL-107 DX E	Black	580	240 in.	10
296124	VFUVOL-107 DX E	Black	580	30 in.	10
296125	VFUVOL-107 DX E	Black	580	34 in.	10
296126	VFUVOL-107 DX E	Black	580	36 in.	10
296128	VFUVOL-107 DX E	Black	580	40 in.	10
296129	VFUVOL-107 DX E	Black	580	42 in.	10
296134	VFUVOL-107 DX E	Black	580	46 in.	10
296131	VFUVOL-107 DX E	Black	580	48 in.	10
296133	VFUVOL-107 DX E	Black	580	54 in.	10
296135	VFUVOL-107 DX E	Black	580	60 in.	10
296137	VFUVOL-107 DX E	Black	580	66 in.	10
296142	VFUVOL-107 DX E	Black	580	68 in.	10
296139	VFUVOL-107 DX E	Black	580	72 in.	10
296144	VFUVOL-107 DX E	Black	580	76 in.	10
296146	VFUVOL-107 DX E	Black	580	80 in.	10
296141	VFUVOL-107 DX E	Black	580	84 in.	10
296148	VFUVOL-107 DX E	Black	580	90 in.	10
296143	VFUVOL-107 DX E	Black	580	96 in.	10

Items continue on next page.

Item Number	Style Number	Color	Color Number	Length	Standard Package
296265	VFUVOL-107 DX E	Light Beige	573	120 in.	10
296270	VFUVOL-107 DX E	Light Beige	573	144 in.	10
296233	VFUVOL-107 DX E	Light Beige	573	18 in.	10
296236	VFUVOL-107 DX E	Light Beige	573	24 in.	10
296237	VFUVOL-107 DX E	Light Beige	573	30 in.	10
296239	VFUVOL-107 DX E	Light Beige	573	36 in.	10
296242	VFUVOL-107 DX E	Light Beige	573	42 in.	10
296245	VFUVOL-107 DX E	Light Beige	573	48 in.	10
296248	VFUVOL-107 DX E	Light Beige	573	54 in.	10
296251	VFUVOL-107 DX E	Light Beige	573	60 in.	10
296254	VFUVOL-107 DX E	Light Beige	573	72 in.	10
296257	VFUVOL-107 DX E	Light Beige	573	84 in.	10
296260	VFUVOL-107 DX E	Light Beige	573	96 in.	10
296089	VFUVOL-107 DX E	White	501	100 in.	10
296091	VFUVOL-107 DX E	White	501	108 in.	10
296092	VFUVOL-107 DX E	White	501	110 in.	10
296094	VFUVOL-107 DX E	White	501	120 in.	10
296098	VFUVOL-107 DX E	White	501	144 in.	10
296099	VFUVOL-107 DX E	White	501	154 in.	10
296061	VFUVOL-107 DX E	White	501	18 in.	10
296063	VFUVOL-107 DX E	White	501	24 in.	10
296105	VFUVOL-107 DX E	White	501	240 in.	10
296065	VFUVOL-107 DX E	White	501	30 in.	10
296068	VFUVOL-107 DX E	White	501	36 in.	10
296069	VFUVOL-107 DX E	White	501	40 in.	10
296070	VFUVOL-107 DX E	White	501	42 in.	10
296072	VFUVOL-107 DX E	White	501	48 in.	10
296074	VFUVOL-107 DX E	White	501	54 in.	10
296076	VFUVOL-107 DX E	White	501	60 in.	10
296080	VFUVOL-107 DX E	White	501	66 in.	10
296082	VFUVOL-107 DX E	White	501	72 in.	10
296084	VFUVOL-107 DX E	White	501	78 in.	10
296086	VFUVOL-107 DX E	White	501	84 in.	10
296087	VFUVOL-107 DX E	White	501	90 in.	10
296088	VFUVOL-107 DX E	White	501	96 in.	10

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280758

## YKK® VISLON® VFUVOL-87 DXL E No. 8 Separating Zipper With Automatic Lock – Long Double Pull Metal Slider

YKK® No. 8 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
280770	VFUVOL-87 DXL E	Black	580	110 in.	10
280772	VFUVOL-87 DXL E	Black	580	120 in.	10
280740	VFUVOL-87 DXL E	Black	580	18 in.	10
280741	VFUVOL-87 DXL E	Black	580	22 in.	10
280742	VFUVOL-87 DXL E	Black	580	24 in.	10
280744	VFUVOL-87 DXL E	Black	580	30 in.	10
280746	VFUVOL-87 DXL E	Black	580	36 in.	10
280748	VFUVOL-87 DXL E	Black	580	40 in.	10
280750	VFUVOL-87 DXL E	Black	580	42 in.	10
280752	VFUVOL-87 DXL E	Black	580	48 in.	10
280754	VFUVOL-87 DXL E	Black	580	54 in.	10
280756	VFUVOL-87 DXL E	Black	580	60 in.	10
280758	VFUVOL-87 DXL E	Black	580	66 in.	10
280760	VFUVOL-87 DXL E	Black	580	72 in.	10
280762	VFUVOL-87 DXL E	Black	580	78 in.	10
280764	VFUVOL-87 DXL E	Black	580	84 in.	10
280766	VFUVOL-87 DXL E	Black	580	96 in.	10
280800	VFUVOL-87 DXL E	Gray	576	72 in.	10
280806	VFUVOL-87 DXL E	Gray	576	96 in.	10
280730	VFUVOL-87 DXL E	White	501	110 in.	10
280732	VFUVOL-87 DXL E	White	501	120 in.	10
280700	VFUVOL-87 DXL E	White	501	18 in.	10
280702	VFUVOL-87 DXL E	White	501	24 in.	10
280706	VFUVOL-87 DXL E	White	501	36 in.	10
280710	VFUVOL-87 DXL E	White	501	42 in.	10
280712	VFUVOL-87 DXL E	White	501	48 in.	10
280714	VFUVOL-87 DXL E	White	501	54 in.	10
280717	VFUVOL-87 DXL E	White	501	56 in.	10
280716	VFUVOL-87 DXL E	White	501	60 in.	10
280720	VFUVOL-87 DXL E	White	501	72 in.	10
280722	VFUVOL-87 DXL E	White	501	78 in.	10
280724	VFUVOL-87 DXL E	White	501	84 in.	10
280726	VFUVOL-87 DXL E	White	501	96 in.	10

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280446

## YKK® VISLON® VFUVOL107TX No. 10 Separating Zipper With Automatic Lock – Double-Pull Plastic Slider

YKK® No. 10 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
280442	VFUVOL107TX	Black	580	100 in.	10
280444	VFUVOL107TX	Black	580	108 in.	10
280446	VFUVOL107TX	Black	580	110 in.	10
280448	VFUVOL107TX	Black	580	120 in.	10
280418	VFUVOL107TX	Black	580	18 in.	10
280420	VFUVOL107TX	Black	580	24 in.	10
280421	VFUVOL107TX	Black	580	30 in.	10
280422	VFUVOL107TX	Black	580	36 in.	10
280424	VFUVOL107TX	Black	580	40 in.	10
280426	VFUVOL107TX	Black	580	42 in.	10
280428	VFUVOL107TX	Black	580	48 in.	10
280430	VFUVOL107TX	Black	580	54 in.	10
280432	VFUVOL107TX	Black	580	60 in.	10
280434	VFUVOL107TX	Black	580	66 in.	10
280436	VFUVOL107TX	Black	580	72 in.	10
280438	VFUVOL107TX	Black	580	84 in.	10
280440	VFUVOL107TX	Black	580	96 in.	10
280242	VFUVOL107TX	White	501	100 in.	10
280244	VFUVOL107TX	White	501	108 in.	10
280246	VFUVOL107TX	White	501	110 in.	10
280248	VFUVOL107TX	White	501	120 in.	10
280218	VFUVOL107TX	White	501	18 in.	10
280220	VFUVOL107TX	White	501	24 in.	10
280221	VFUVOL107TX	White	501	30 in.	10
280222	VFUVOL107TX	White	501	36 in.	10
280224	VFUVOL107TX	White	501	40 in.	10
280226	VFUVOL107TX	White	501	42 in.	10
280228	VFUVOL107TX	White	501	48 in.	10
280230	VFUVOL107TX	White	501	54 in.	10
280232	VFUVOL107TX	White	501	60 in.	10
280234	VFUVOL107TX	White	501	66 in.	10
280236	VFUVOL107TX	White	501	72 in.	10
280237	VFUVOL107TX	White	501	78 in.	10
280238	VFUVOL107TX	White	501	84 in.	10
280240	VFUVOL107TX	White	501	96 in.	10

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295685

## YKK® VISLON® VSOL56 No. 5 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider

YKK® No. 5 VISLON® separating zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the VISLON zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The VISLON zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

Item Number	Style Number	Color	Color Number	Length	Standard Package
295728	VSOL56	Black	580	108 in.	10
295711	VSOL56	Black	580	12 in.	10
295730	VSOL56	Black	580	144 in.	10
295713	VSOL56	Black	580	24 in.	10
295714	VSOL56	Black	580	30 in.	10
295715	VSOL56	Black	580	36 in.	10
295716	VSOL56	Black	580	42 in.	10
295717	VSOL56	Black	580	44 in.	10
295745	VSOL56	Black	580	46 in.	10
295718	VSOL56	Black	580	48 in.	10
295685	VSOL56	Black	580	52 in.	10
295719	VSOL56	Black	580	54 in.	10
295720	VSOL56	Black	580	60 in.	10
295722	VSOL56	Black	580	72 in.	10
295724	VSOL56	Black	580	84 in.	10
295726	VSOL56	Black	580	96 in.	10
295707	VSOL56	White	501	108 in.	10
295690	VSOL56	White	501	12 in.	10
295709	VSOL56	White	501	144 in.	10
295692	VSOL56	White	501	24 in.	10
295693	VSOL56	White	501	30 in.	10
295694	VSOL56	White	501	36 in.	10
295695	VSOL56	White	501	42 in.	10
295687	VSOL56	White	501	46 in.	10
295697	VSOL56	White	501	48 in.	10
295698	VSOL56	White	501	54 in.	10
295699	VSOL56	White	501	60 in.	10
295701	VSOL56	White	501	72 in.	10
295703	VSOL56	White	501	84 in.	10
295705	VSOL56	White	501	96 in.	10

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280085

## YKK® VISLON® VFUVOL-86 DA E 5/8 No. 8 Separating Zipper With Automatic Lock – Single Pull Metal Slider

Item Number	Style Number	Color	Length	Standard Package
280085	VFUVOL86 DA E 5/8	Black	60 in.	10

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295778

## YKK® ZIPLON® CFOR-106 DA E No. 10 Separating Zipper with Automatic Lock – Single Pull Metal Slider

Item Number	Style Number	Color	Color Number	Length	Standard Package
295779	CFOR-106 DA E	Black	580	108 in.	10
295767	CFOR-106 DA E	Black	580	36 in.	10
295769	CFOR-106 DA E	Black	580	48 in.	10
295771	CFOR-106 DA E	Black	580	60 in.	10
295773	CFOR-106 DA E	Black	580	72 in.	10
295777	CFOR-106 DA E	Black	580	96 in.	10
295778	CFOR-106 DA E	White	501	108 in.	10
295766	CFOR-106 DA E	White	501	36 in.	10
295768	CFOR-106 DA E	White	501	48 in.	10
295770	CFOR-106 DA E	White	501	60 in.	10
295772	CFOR-106 DA E	White	501	72 in.	10
295774	CFOR-106 DA E	White	501	84 in.	10
295776	CFOR-106 DA E	White	501	96 in.	10

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295973

## YKK® ZIPLON® CFOR-105 DWL E No. 10 Separating Zipper Non-Locking – Double Pull Metal Slider

Item Number	Style Number	Color	Color Number	Length	Standard Package
295973	CFOR-105 DWL E	Black	580	108 in.	10
295961	CFOR-105 DWL E	Black	580	36 in.	10
295963	CFOR-105 DWL E	Black	580	48 in.	10
295965	CFOR-105 DWL E	Black	580	60 in.	10
295967	CFOR-105 DWL E	Black	580	72 in.	10
295969	CFOR-105 DWL E	Black	580	84 in.	10
295971	CFOR-105 DWL E	Black	580	96 in.	10
295972	CFOR-105 DWL E	White	501	108 in.	10
295960	CFOR-105 DWL E	White	501	36 in.	10
295962	CFOR-105 DWL E	White	501	48 in.	10
295964	CFOR-105 DWL E	White	501	60 in.	10
295968	CFOR-105 DWL E	White	501	84 in.	10
295970	CFOR-105 DWL E	White	501	96 in.	10

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279570

## Sunbrella® SUNZIP™ III #10 Separating Zipper with Automatic Lock – Double Pull Metal Slider

Sunbrella SUNZIP marine zippers are lightweight but strong. They're water repellent, mold and mildew resistant, and bleach cleanable. This makes them great for boat covers, boat enclosures, and other marine applications. For reliable performance, this is the first zipper to feature genuine Sunbrella Acrylic zipper tape. To resist fading and damage from the sun, the zipper teeth are made from UV-resistant resin.

Item Number	Color	Length	Standard Package
279570	Black	36 in.	10
279571	Black	48 in.	10
279572	Black	60 in.	10
279573	Black	72 in.	10
279551	White	36 in.	10
279552	White	48 in.	10
279553	White	60 in.	10
279554	White	72 in.	10

Sunbrella® is a registered trademark of Glen Raven, Inc. SUNZIP™ is a trademark of IDEAL Fastener Corporation.

## YKK® ZIPPY COOL®

This two-part product includes a cleaner and lubricant. It is specially formulated for use on all types of metal and plastic zippers. The patented push/pull dispenser brush removes harmful dirt, sand and salt. After rinsing, it leaves a protective film on the zipper. Lubrication on the zipper will not flake or cause jams, even in extreme temperatures. It contains no silicone or paraffin.



279813

Item Number	Description	Standard Package
279813	Zippy Cleaner and Lubricant	1

YKK® and ZIPPY COOL® are registered trademarks of YKK Corporation in Japan and other countries/regions.

## Zipzap Lubricants

Extends the life of the zipper. Cleans and lubricates plastic, nylon, and metal zippers, without collecting dirt, sand or organic residue. The wax provides smooth zipper teeth operation, and the fluid cleans and lubricates the zipper action.



279800

Item Number	Description	Put Up	Standard Package
279800	Fluid	2 oz.	1



202475

## Awl – Automatic

The No. 413 Automatic Awl is used for sewing leather and canvas. This tool carries a spool of thread on the handle and includes an extra curved needle and wrench.

Item Number	Style Number	Description	Standard Package
202475	413	Automatic Awl	1
202476	413N-5	Automatic Awl Straight Needle	1
202479	413N-8	Automatic Awl Straight Needle	1



202476



202469

## Awl – Heavy-Duty Scratch No. 4

Scratch Awl comes with a plastic handle and quality steel blade. It's used to mark surfaces for cutting and fabrication and for holding down fabric while working.

Item Number	Style Number	Blade Size	Standard Package
202469	4-1	2-1/2 in.	1
202470	4-2	3-1/2 in.	1



275441

## DrillSteady Drill For Stainless Tubing

DrillSteady uses 9/64 inch drill bit for No. 8 screw or fastener. Unique design allows drilling on installed frames, corners, or anywhere.

Item Number	Style Number	Standard Package
275441	3587	1



216110

## DOT® Snapmaster M840

The M840 hand press incorporates many features of bench and foot presses in a portable and cost-effective tool. Ideal for installing DOT® Durable™, Pull-The-Dot®, Lift-The-Dot® and curtain fasteners. Replacement parts available.

Item Number	Style Number	Description	For Use With	Standard Package
216115	4101	Cutting Die	16205 DOT Lift-The-Dot Socket	1
216136	4405	Setting Die Cap	18100 DOT Pull-The-Dot Button	1
216134	4203	Setting Die	78403 Curtain Fastener Eyelet	1
216118	4401	Setting Die	16506 DOT Lift-The-Dot Clinch Plate	1
216125	4402	Setting Die	78505 Curtain Fastener Washer	1
216130	4403	Setting Die	10127/10128 DOT Durable Button	1
216133	4103	Setting Punch	78403 Curtain Fastener Eyelet	1
216117	4301	Setting Punch	16205 DOT Lift-The-Dot Socket	1
216124	4302	Setting Punch	78403 Curtain Fastener Eyelet	1
216129	4303	Setting Punch	10224 DOT Durable Socket	1
216131	4304	Setting Punch	10370 DOT Durable Stud	1
216135	4305	Setting Punch	18201 DOT Pull-The-Dot Socket	1
216110		Snapmaster Hand Press M840		1



216133



216134



Item Number	Style Number	Description	For Use With	Standard Package
275524	4307	Socket Setting Punch	94-12205 Baby Durable, 94-12206 Baby Durable	1
275525	4308	Stud Setting Punch	94-12303 Baby Durable, 94-12302 Baby Durable	1

DOT®, Lift-The-Dot® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc. Durable™ and Snapmaster™ are trademarks of Scovill Fasteners, Inc.

## Hand Tools For DOT® Common Sense® Fasteners



216047

Item Number	Style Number	Description	For	Standard Package
275444	4100	Eyelet Hole Cutting Tool		1
216050	89-450E	Hole Cutter	Use with cutting pad (#223449). For BS- 78403 (No. 400) eyelet.	1
223509	9578	Machine Die	Use with BS-78502 back plate	1
216047	QTTL	Quick Turn Lock Driver	Use with 1/4 in. cordless screw driver or drill motor to install Common Sense XX-78315, XX-78324, XX-78325, X8-78324, XB-78324 or XB-78325.	1

DOT® and Common Sense® are registered trademarks of Scovill Fasteners, Inc.

## Hand Tools For DOT® Lift-The-Dot® Fasteners



275501

Item Number	Style Number	Description	For	Standard Package
275529	89-9941		Use with washers (BS-16509)	1
275575	171	Hole Cutting Punch Tool for Prong Fasteners	Use with cutting pad (#223449). Hand punch for BS-78332, BS-78333 or BS-16349.	1
275501	9951E	Hole Cutting Punch Tool	Use with cutting pad (#223449). For XX-16205 socket with chisel point.	1
275505	169B	Screwdriver	Lift-the-Dot Screw Studs	1
275445	4000	Socket Hole Cutting Tool		1

DOT® and Lift-The-Dot® are registered trademarks of Scovill Fasteners, Inc.

## Hand Tools For DOT® Durable™ Fasteners



275504



275564

Item Number	Style Number	Description	For	Standard Package
275564	164	Cap Hand Punch		1
275583	1482	Die	Baby Durable 12105 cap	1
275587	1488	Die	Baby Durable 12404, 12405 or 12407 post	1
275504	169N	Phillips Head Screwdriver	Use with X8-10301, X8-10302, XX-10362, X8-10393, XB-10393, X8-10704, X8-10934.	1
275588	9323	Punch	Baby Durable 12205 or 12206 socket.	1
275507	9772	Setting Die	Baby Durable 12302 or 12303.	1

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



248133

## Fabric Fastener Kit

This die setting kit is used for installing DOT® Durable™ fasteners. The fabric fastener kit comes with a hand punch and fastener die for swift install. Use for setting DOT® Durable™ 10128 buttons, 10224 sockets, 10370 studs, and 10412 posts (all sold separately). The fasteners are ideal for use on canvas, tarps, tents, awnings, sailcloth, patio furniture, and more.

Item Number	Style Number	Description	Standard Package
248133	USC1T	Nos. 9896 and 9897 setting tools (2 pieces each bag)	1

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



256071

## Hand Press No. M-380E

Easily mounted to a wooden table or bench, this hand-operated press is designed to quickly and securely attach a wide assortment of metal and plastic fasteners. Interchangeable with all hand and foot machine dies, this hand press is a required tool for fabricators and features an adjustable lower die holder for greater flexibility and creativity.

Item Number	Style Number	Height	Standard Package	Weight
256071	M-380E	12"	1	7 lbs.



223500

## DOT® Semi-Automatic Electric Foot Press 89-M200

The semi-automatic foot press is used to set many DOT fasteners and grommets. This electric powered setter comes with a targeting light, adjustable compensator, full safety guards, and an adjustable lower die holder. The throat depth is 4.5", the table height is 28", and it weighs 200 pounds. The die opening is 3/8". Dies not included.

Item Number	Standard Package
223500	1

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Hand Press No. M380E and M200 – DOT® Die Set

These DOT Durable™ dies are strong enough to punch through multiple layers of fabric for maximum hold. It's perfect for projects using marine canvas and upholstery fabric. Applications include boat covers, boat seats, gear bags, luggage, outdoor fabric, tents, and awnings. Complete your set of performance upholstery tools with heavy-duty DOT dies. These fastener die sets are used with the 89-M200 or 89-M380E press machines. Sturdy enough to last through continued use and appropriate for various types of fasteners. Available for both Durable Dot and Pull-The-Dot® fasteners.

Item Number	Style Number	For Use With	Standard Package
223464	0	Brass self-piercing grommets	1
223562	0	#0 plain, tooth, neck grommets	1
223468	0	Stainless steel rolled rim, spur self-piercing grommets	1
223570	0	#0 rolled grim and spur grommets	1
223561	00	#00 plain, tooth, neck grommets	1
223465	1	Brass self-piercing grommets	1
223563	1	#1 plain, tooth, neck grommets	1
223469	1	Stainless steel rolled rim, spur self-piercing grommets	1
248212	1	Rolled rim, spur grommets	1
223568	1J	#1J long barrel, plain, neck grommets	1
223466	2	Brass self-piercing grommets	1

Item Number	Style Number	For Use With	Standard Package
223499	2	Rolled rim, spur grommets	1
223470	2	Stainless steel rolled rim, spur self-piercing grommets	1
223505	2	Plain, tooth, neck grommets	1
223569	2J	#2J long barrel, plain, neck grommets	1
223467	3	Brass self-piercing grommets	1
223571	3	#3 rolled grim and spur grommets	1
223564	3	Plain, tooth, neck grommets	1
223572	4	#4 rolled grim and spur grommets	1
223471	4	Stainless steel rolled rim, spur self-piercing grommets	1
223566	5	#5 plain, tooth, neck grommets	1
223472	5	Stainless steel rolled rim, spur self-piercing grommets	1
223573	5	#5 rolled grim and spur grommets	1

DOT®, Gripper®, Lift-The-Dot® and Pull-The-Dot are registered trademarks of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.



223510



223512

## M-380E and M200 Dies For DOT® Durable™ Fasteners

Item Number	Style Number	For Use With	Standard Package
223512	1412	BS-10370 stud	1
223507	1407	BS-10412 eyelet	1
223501	1401	X2-10128 or X2-10127 button	1
223510	1410	XB-10224 socket	1
275580	9557	XB-10342 stud	1

DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ and Baby Durable™ are trademarks of Scovill Fasteners, Inc.



223558



275577

## M-380E and M200 – Dies for DOT® Pull-The-Dot® Fasteners

Item Number	Style Number	For Use With	Standard Package
223560	8059	XX-18201 socket	1
275526	89-8101	93-10379 stud & low shelf fasteners	1
223558	9758	XE-18100 button	1
275577	9760	BS-18303 stud	1

DOT® and Pull-The-Dot® are registered trademarks of Scovill Fasteners, Inc.



223560



248185

## Fasnap® PM5 Grommet Machine

The PM5 machine is an industry standard bench-mounted machine. It is made of tough ductile iron and has a deep throat with a longer padded handle. This machine uses standard 3/8 inch diameter shank dies that set self-piercing grommets up to size 300 (#4), and snap fasteners in one motion, swiftly and efficiently. Throat depth: 4-3/4 inch. Dies sold separately

Item Number	Description	Standard Package
248185	Fasnap PM5 Grommet Machine	1

FASNAP® is a registered trademark of The FASNAP Corporation.



256094



256098

## Multi-Duty Hand Press No. W-1

This Osborne high quality hand machine cuts fabric and covers buttons. It uses 2 piece dies and short cutters. This hand machine has a reinforced frame and handle. It bolts to a table for added stability. The machine handles between 80-120 buttons per hour. It can also be used to set snaps, grommets and ventilators.

Item Number	Style Number	Description	Standard Package
256095	W-1H	Handle	1
256094	W-1	Osborne Multi-Duty Hand Press #W-1	1
256098	W-1 SPRING	Top Spring	1



256095

## Multi-Duty Hand Press No. W-1 – Dies

Dies for setting snaps, grommets, and ventilators for the Osborne Multi-Duty Hand Press #W-1 (Item# 256094).



256300



256324

Item Number	Style Number	Description	Size	Size Hole	Standard Package
216491	WDISGRC2-75837	Setting Die and Hole Cutter #2 for Spur Washer	2	3/8 in.	1
256299	WDIGRC00	Setting Die #00 For Plain Washer	00		1
256300	WDIGRC0	Setting Die #0 For Plain Washer	0		1
256301	WDIGRC1	Setting Die #1 For Plain Washer	1		1
256302	WDIGRC2	Setting Die #2 For Plain Washer	2		1
256303	WDIGRC3	Setting Die #3 For Plain Washer	3		1
256304	WDIGRC4	Setting Die #4 For Plain Washer	4		1
256320	WDISGRC0	Setting Die #0 for Spur Washer	0		1
256321	WDISGRC1	Setting Die #1 for Spur Washer	1		1
256322	WDISGRC2	Setting Die #2 for Spur Washer	2		1
256323	WDISGRC3	Setting Die #3 for Spur Washer	3		1
256324	WDISGRC4	Setting Die #4 for Spur Washer	4		1
256334	684	Ventilator 3/4 in.			1

## Pres-N-Snap®



275400



275411



275412



275413



275415



275398

Item Number	Description	For Use With	Standard Package
275411	Baby Durable Die Set		1
275398	Bench Mount		1
275401	Die	#10128 Button	1
275404	Die	#10224 Socket	1
275428	Die	#10342 Gypsy Stud	1
275402	Die	#10370 Stud	1
275397	Die	#10379 Stud	1
275403	Die	#10412 Eyelet	1
275412	Die	#BS-16509 Washer	1
275413	Die	#XB-16358 Stud	1
248167	Die	#XB-78317 Button	1
275399	Frame		1
275417	Handle		1
275427	Lever		1
275405	M-2700 Rubber Ring	DOT Durable Dies	1
275414	Nut and Bolt on Handle		1
275415	Plunger		1
275400	Pres-N-Snap Complete Toolkit		1
275409	Rubber O-Ring		1
248172	Rubber O-Ring	#12 Stud Black	1
275416	Spring		1

275400 - Includes dies for 10128, 10224, 10370, 10412 durable fasteners – plus die for No. 1 grommet with plain washer.

Pres-N-Snap® is a registered trademark of Hoover Products. DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.

## Pres-N-Snap® – Grommet Dies



275420



275425

Item Number	Description	For Use With	Standard Package
275422	Die Set	No. 0 Plain Grommets	1
275434	Die Set	No. 0 Self-Piercing Grommets	1
275421	Die Set	No. 00 Plain Grommets	1
275432	Die Set	No. 1 Grommets with Spur Washers	1
275419	Die Set	No. 1 Plain Grommets	1
275431	Die Set	No. 1 Self-Piercing Grommets	1
275420	Die Set	No. 2 Plain Grommets	1
275430	Die Set	No. 2 Self-Piercing Grommets	1
275425	Hole Punch	No. 1 Grommets	1
275426	Hole Punch	No. 2 Grommets	1

Pres-N-Snap® is a registered trademark of Hoover Products. DOT® is a registered trademark of Scovill Fasteners, Inc. Durable™ is a trademark of Scovill Fasteners, Inc.





275590



275595



275596

## Quick-Fit™ Tool Kit

Quick-Fit holding tool snaps on to existing studs and provides a quick and easy way to hold material while fitting — no clamps necessary. Quick-Fit holds material in place on the holding pin, especially on a windy day. Quick-Fit release tool easily installs and removes the holding pin from the stud. Quick-Fit tools are great for fitting with material and also holding paper or plastic when making a pattern. Can be used over and over on job after job. Can be used on boat cockpit covers, side curtains, enclosures, console covers, carpet and pickup truck tonneau covers. Quick-Fit holding tools accurately mark the fabric cover where the snap sockets are to be placed.

Quick-Fit Tool Kit includes 25 Quick-Fit Caps, 50 Quick-Fit Sockets and 1 Quick-Fit Release Tool.

Item Number	Description	Standard Package
275590	Tool Kit	1
275591	Caps	25
275595	Sockets with Points	25
275596	Release Tool	1

Quick-Fit™ is a trademark of Quick Fit Canvas Tools.



248502



248506

## Engel Hot Knife

Cuts and seals the edges of synthetic fabrics to prevent fraying. The knife can be used with a cutting foot to eliminate the need for a special cutting base or surface. Designed for intermittent operation, the knife heats up in six to eight seconds. Temperature is controlled by a convenient trigger switch. All items are sold separately.

Use in well ventilated areas.



248501

Item Number	Style Number	Description	Standard Package
248501	H/100	Engel HSG-O Electric Hot Knife Cutter	1
248502	#H/205	Engel Hot Knife Blade 100R	1
248506	C856N	Engel Hot Knife Cutting Foot	1

## Pliers – Fabric Pulling Pliers No. 250

No. 250 plier is made with a hammer jaw. The hammer acts as a lever if a strong pull is required. This is an excellent tool for stretching canvas and leather as well as webbing. It is ideal for pulling fabric over frames.



255250

Item Number	Style Number	Length	Standard Package
255250	250	8-1/2 in.	1



256440

## Revolving Punch No. 155

Used to punch holes in soft fabrics and leather goods. Made for tube sizes 1, 2, 3, 4, 5 and 6. The frame is made of highly polished forged steel. The cutting tubes are hand turned from high carbon tool steel and threaded to allow easy replacement.

Item Number	Style Number	Length	Standard Package	Weight
256440	155	8-1/2 in.	1	1 lb.



256452

## Revolving Punch No. 155 – Cutting Tube Kit

Item Number	Style Number	Standard Package
256452	155T	1



256442

## Revolving Punch No. 155 – Cutting Tubes

Item Number	Style Number	Size	Standard Package
256441	155T-1	3/32 in.	1
256442	155T-2	7/64 in.	1
256443	155T-3	1/8 in.	1
256444	155T-4	5/32 in.	1
256445	155T-5	11/64 in.	1
256446	155T-6	3/16 in.	1



256448

## Revolving Punch No. 155 – Punch Anvil

A copper replacement base for the No. 155 Revolving Punch. The soft copper composition of this base is gentle on dies to provide longer service life.

Item Number	Style Number	Standard Package
256448	155A	1



214301

## Thread Nippers

This 4.5-inch thread snip is sharp enough to trim even the finest fiber. Hot forged and fully double-plated with chrome over nickel, it's an essential sewing tool. The ball-bearing construction features a quick action spring return and precision ground blades.

With an ergonomic design and built-in thumb rest, the scissors are efficient and easy to handle. This means you can focus more on your craft and less on fraying thread. The nippers can withstand repeated sharpening for a smooth cut every time. Use for clipping threads or other light cutting functions.

Item Number	Full Length	Standard Package
214301	4-1/2 in.	10



266225

## Shears – Wiss® Upholstery, Carpet And Fabric Shears

Hot drop-forged, polished blades. One blade is ground to a knife-edge.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item Number	Style Number	Full Length	Length of Cut	Standard Package
266225	1225	10-1/4 in.	4-3/4 in.	1
266226	1226	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Apex Brands, Inc.



266022

## Shears – Wiss® Upholstery, Drapery, Carpet And Fabric Shears – Heavy Duty

With thick, heavy-duty blades to cut through multiple layers and tough material. Hot drop-forged, polished standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item Number	Style Number	Full Length	Length of Cut	Standard Package
266019	20W	10-1/4 in.	4-3/4 in.	1
266022	22W	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Apex Brands, Inc.



266027

## Shears – Wiss® Industrial Shears

Hot drop-forged, nickel-plated shears with standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item Number	Style Number	Full Length	Length of Cut	Standard Package
266027	27	7-1/2 in.	3-1/8 in.	1
266028	28	8-1/8 in.	3-3/4 in.	1

Wiss® and Inlaid® are registered trademarks of Apex Brands, Inc.



266020

## Shears – Wiss® Industrial Shears – Heavy Duty

Hot drop-forged, polished standard edge blades, with black handles. Style 20 LH is the left-handed version.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

Item Number	Style Number	Full Length	Length of Cut	Standard Package
266020	20	10-1/4 in.	4-3/4 in.	1
266021	20LH	10-1/4 in.	4-3/4 in.	1

Wiss® and Inlaid® are registered trademarks of Apex Brands, Inc.



266016

## Shears – Wiss® Shop Shears

Serrated bladed shears.

Item Number	Style Number	Full Length	Standard Package
266016	W912	10 in.	1

Wiss® is a registered trademark of Apex Brands, Inc.



266233

## Shears – Kretzer®

Kretzer Scissors is the leading German scissors manufacturer. The quality and durability of these shears are only two of many aspects associated with German craftsmanship.

Item Number	Style Number	Description	Full Length	Standard Package	Weight
266232	73725	Shop Shears	10 in.	1	9 oz.
266233	K22	Trim Shears	12 in.	1	1 lb. 15 oz.
266234	K20	Trim Shears	10 in.	1	15 oz.
266235	KRE764425	Pinking Shears	10-1/2 in.	1	8 oz.
266236	72020	Trim Shears	8 in.	1	4 oz.
266237	KRE773225	Heavy Duty Shop Shears	10 in.	1	9 oz.

Kretzer® is a registered trademark of Johann Kretzer GmbH & Co.

## Staple Remover

Forged from 4140 alloy tempered steel.



268100

Item Number	Style Number	Standard Package
268100	124	1



275599



## Top-Snapper®

Built of marine-grade stainless steel with an easy to grip rubberized handle, makes snapping your canvas boat top into place easy and convenient. Just slide the ingenious, patented Top-Snapper over the snap, pull it into place, and snap it shut.

Item Number	Style Number	Standard Package
275599	008.1	1

Top-Snapper® is a registered trademark of Ironwood Pacific Inc.

## Cutter – Side Cutter

Typically used for plain and tooth grommet washers. For best results use Cutting Pad (Item no. 223449). Do not use with steel head hammers.



216400

Item Number	Style Number	Size Hole	Standard Package
216400	00	3/16 in.	1
216401	0	1/4 in.	1
216402	1	9/32 in.	1
216403	2	3/8 in.	1
216404	3	7/16 in.	1
216405	4	1/2 in.	1
216406	5	5/8 in.	1
216407	6	3/4 in.	1
216409	8	1 in.	1

## Cutter – Special Cutter

Typically used for rolled rim spur grommet washers. For best results use Cutting Pad (Item no. 223449). Do not use with steel head hammers.



216504

Item Number	Style Number	Size Hole	Standard Package
216499	00	3/16 in.	1
216501	0	1/4 in.	1
216502	1	5/16 in.	1
216503	2	3/8 in.	1
216504	3	7/16 in.	1
216505	4	1/2 in.	1
216506	5	5/8 in.	1
216507	6	3/4 in.	1
216508	7	7/8 in.	1
216509	8	1 in.	1





## DOT® Die Set Hand Tools

Use this DOT die set to install various sized grommets with either plain, tooth or neck washers. Use the grommet dies with a rawhide mallet and a urethane cutting pad (sold separately, #223449) to avoid damage to the die.

For stainless steel grommets, die sets are applicable to self-piercing grommets only.

223549

Item Number	Style Number	For Use With	Standard Package
223549	0	Stainless steel rolled rim grommets	1
223531	0	Plain, tooth, neck grommets	1
223540	0	Rolled rim, spur grommets	1
223530	00	Plain, tooth, neck grommets	1
223550	1	Stainless steel rolled rim grommets	1
223541	1	Rolled rim, spur grommets	1
223532	1/1J	Long-barrel with plain, tooth, neck grommets	1
223551	2	Stainless-steel self-piercing rolled rim grommets (must pre-punch holes)	1
223542	2	Rolled rim, spur grommets	1
223533	2/2J	Long-barrel with plain, tooth, neck grommets	1
223543	3	Rolled rim, spur grommets	1
223534	3	Plain, tooth, neck grommets	1
223552	3	Stainless-steel self-piercing rolled rim grommets (must pre-punch holes)	1
223535	4	Plain, tooth, neck grommets	1
223544	4	Rolled rim, spur grommets	1
223553	4		1
223545	5	Rolled rim, spur grommets	1
223559	5	Stainless-steel self-piercing rolled rim grommets (must pre-punch holes)	1
223536	5	Plain, tooth, neck grommets	1
223546	6	Rolled rim, spur grommets	1
223547	7	Rolled rim, spur grommets	1
223548	8	Rolled rim grommets, spur washers	1

DOT® is a registered trademark of Scovill Fasteners, Inc.

## Setting Die For Plain And Tooth Grommets And Washers



For inserting round grommets. Made of superior grade drop forged steel.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain or steel hammering. To obtain maximum life of tools use Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

223410

Item Number	Style Number	Description	Standard Package
223410	00	Osborne #216	1
223411	0	Osborne #216	1
223412	1	Osborne #216	1
223413	2	Osborne #216	1
223414	3	Osborne #216	1
223415	4	Osborne #216	1
223416	5	Osborne #216	1
223417	6	Osborne #216	1



223423

## Setting Die For Rolled Rim Grommets And Spur Washers

For inserting round grommets. Made of superior grade drop forged steel.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain or steel hammering. To obtain maximum life of tools use Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

Item Number	Style Number	Description	Standard Package
223420	0	Osborne #217	1
223421	1	Osborne #217	1
223422	2	Osborne #217	1
223423	3	Osborne #217	1
223424	4	Osborne #217	1
223425	5	Osborne #217	1
223426	6	Osborne #217	1
223427	7	Osborne #217	1
223428	8	Osborne #217	1



216490

## Punch Kit – Self-Centering

This handy and versatile kit contains a threaded handle with self-centering pointed plunger. Designed to accommodate nine interchangeable threaded cutting tubes in diameter sizes of 1/4 inch, 5/16 inch, 3/8 inch, 7/16 inch, 1/2 inch, 5/8 inch, 3/4 inch, 7/8 inch and 1 inch. The punches in this set will cleanly cut fabric, leather, rubber, paper, plastic and other soft materials.

Item Number	Style Number	Standard Package
216490	K156	1



248102

## Grommet Kit – Home

A complete and inexpensive kit for household use. Each kit consists of a grommet die, a cutting punch, 3 dozen grommets and washers, a small cutting board and complete instructions.

Item Number	Style Number	Grommet Size	Standard Package	Weight
248100	0	1/4 in.	1	1-1/2 lbs.
248101	1	9/32 in.	1	1-1/2 lbs.
248102	2	3/8 in.	1	1/3/4 lbs.
248103	3	7/16 in.	1	1/3/4 lbs.
248104	4	1/2 in.	1	1/3/4 lbs.

## Mallet/Maul – Rawhide



250801

Item Number	Style Number	Description	Standard Package	Weight
250809	196-2	Mallet	1	
250804		Maul Handle	1	
250806	393-3RR	Maul Leather Refill	1	
250808	393-6RR	Maul Leather Refill	1	
250807	393-2RR	Maul Leather Refill	1	
250800	393-2	Maul	1	2 lbs.
250801	393-3	Maul	1	2-12/ lbs.
250802	393-4	Maul	1	4-1/2 lbs.
250803	393-6	Maul	1	6 lbs.

## Hammer – Rawhide With Split Head – No. 395



237015

Ideal for use with arch punches, grommet dies or wherever a cushioned blow is desired. No trouble to replace faces. Just loosen the safety nut, remove worn face, insert replacement and tighten.

Item Number	Style Number	Diameter of Face	Size	Standard Package	Weight
237013	395-1	1-1/4 in.	1	1	
237014	395-2	1-1/2 in.	2	1	2 lbs.
237015	395-3	1-3/4 in.	3	1	3 lbs.

## Hammer – Rawhide Replacement Heads



237021

Item Number	Style Number	Size	Standard Package
237020	395F-1	1	1
237021	395F-2	2	1
237022	395F-3	3	1

## Hammer – Magnetic Tack



237016

Item Number	Style Number	Description	Standard Package
237016	33	Magnetic Tack Hammer	1

## Cutting Pad



223449

Made of a special formula resilient vinyl plastic, these tough cutting pads are ideal for use with Osborne Punches. They are long wearing and can be used on both sides. Use on a solid base for best results.

Item Number	Style Number	Material	Size	Standard Package
223449	603	Urethane	10 in. x 10 in. x 3/8 in.	1

## Bendarc Quick-Switch Bender



205304

The Bendarc bends a 6, 8, 10 or 12 inch radius on either 7/8, 1, or 1-1/4 inch OD aluminum or stainless steel marine tubing. Designed for wall or bench mounting. Bends are formed using a long handle for leverage and with the aid of body weight. The Bendarc gives strong bends with smooth, rounded corners. Constructed of boiler plate steel with bearing supported roller. Rollers are high-density polymer for mar resistant contact with fine tubing finishes.

Interchangeable forming blocks, clamp blocks and rollers are also available to convert from a 6 inch radius to 8 inch or 10 inch, and a 7/8 inch OD tube to 1 inch OD. Switch sizes easily and quickly with only an Allen wrench and a 1/2 inch socket. Once forming block replacement is installed, only a finger tight adjustment of a nut on the clamp block is required.

Items are drop ship only.

Item Number	Description	For	Radius	Standard Package
205349	Bearing Support Roller	1 in. or 1-1/4 in. square tubing		1
205347	Bearing Support Roller	1-1/4 in. round tubing		1
205348	Bearing Support Roller	7/8 in. or 1 in. round tubing		1
205345	Clamp Block Assembly	1 in. or 1-1/4 in. square tubing		1
205344	Clamp Block Assembly	7/8 in. or 1 in. round tubing		1
205340	Form Block	7/8 in. or 1 in. round tubing	10 in.	1
205366	Form Block	1 in. square tubing	12 in.	1
205343	Form Block	7/8 in. or 1 in. round tubing	12 in.	1
205332	Form Block	7/8 in. or 1 in. round tubing	6 in.	1
205336	Form Block	7/8 in. or 1 in. round tubing	8 in.	1
205352	Pull Down Handle			1
205337	Steel Encased Form Block	1 in. square tubing	10 in.	1
205321	Tube Bender With Steel Encased Form Block	1 in. square tubing	10 in.	1
205319	Tube Bender With Steel Encased Form Block	1 in. or 1-1/4 in. square tubing	12 in.	1
205313	Tube Bender	1-1/4 in. round tubing	10 in.	1
205320	Tube Bender	7/8 in. or 1 in. round tubing	10 in.	1
205315	Tube Bender	7/8 in. or 1 in. round tubing	12 in.	1
205365	Tube Bender	1-1/4 in. square tubing	12 in.	1
205304	Tube Bender	1 in. round tubing	6 in.	1
205316	Tube Bender	7/8 in. round tubing	8 in.	1
205314	Tube Bender	7/8 in. tubing	8 in.	1

## Crownarc Crown Bender



205362

Bends 7/8 inch, 1 inch or 1-1/4 inch outside diameter marine tubing using the same dies. The crown radius is adjustable from 30 inch minimum to infinity. The only Crowner with gear drive; Crownarc's crank turns both lower wheels and "takes a bigger bite" to get more crown per pass. The Z wheel drive system makes control much easier. The back plate is boiler plate steel and rollers are high-density polymer for mar resistant contact with fine marine tubing. The center roller is fully adjustable.

The Crownarc is supplied with rollers cut for 1 inch diameter marine tubing. This easily crowns 1 inch and 7/8 inch stainless or aluminum marine tubing. Bender can be mounted on the wall, on a table or on the side or rear of a truck.

Items are drop ship only.

Item Number	Description	For	Standard Package
205329	Gear Mounted Roller	1 in. square tubing	1
205367	Gear Mounted Roller	1 in. square tubing	1
205360	Hand Grip		1
205327	Tube Bender	1 in. square tubing	1
205362	Tube Bender	1-1/4 in. round tubing	1
205325	Tube Bender	7/8 in. and 1 in. tubing	1

## Hand Roller



999075

This silicone hand roller is used for smoothing fabric, welding tape, or adhesive. The hand tool features an easy-roll silicone head and ergonomic wooden handle.

Item Number	Style Number	Material	Standard Package	Width
999075	11-150	Silicone	1	1.75 in.







# Trim and Cord: Unique Embellishments

Secure fabric applications with the right webbing, binding, rope, or cordage for any project. For endless design possibilities, Trivantage® handpicks the finest trim, cord, and braid for the perfect finishing touch.

Embellishments .....	297
Awning Braid .....	298
Marine Binding .....	301
Thread and Bobbins .....	315
Webbing .....	326
Rope and Cordage .....	339







## Sunbrella® Brush Fringe

Brush fringe is constructed from Sunbrella acrylic yarns. Can be used for throw pillows, decorative umbrella trimming or marine applications. Colors and blends are specifically selected to complement our Fusion Collection as well as other Sunbrella upholstery collections.

3 yard minimum for cut yardage.

Item Number	Style Number	Color	Put Up	Width
504503	07300-5462	Hot Pink	25 yd.	2 in.
504513	08351-2	Indigo	25 yd.	2 in.
504517	08362-2	Meadow	25 yd.	2 in.
504501	07300-4608	Onyx	25 yd.	2 in.
504514	08352-2	Opal	25 yd.	2 in.
504508	08345-2	Putty	25 yd.	2 in.
504506	08293-2	Rain Forest	25 yd.	2 in.
504500	07300-4604	Salt	25 yd.	2 in.
504509	08346-2	Smoke	25 yd.	2 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Sunbrella® Twist Cord-Edge

This twisted cord edge is made with durable Sunbrella yarns. It includes a color matched sewing tab. Colors and blends are selected to pair with the Sunbrella Fusion Collection and other Sunbrella upholstery collections.

3-yard minimum for cut yardage.

Suggested uses: welting on patio cushions and decorative umbrella trimming.

Item Number	Style Number	Color	Put Up	Width
504706	07313-4633	Almond	25 yd.	3/8 in.
504720	07313-5416	Aruba	25 yd.	3/8 in.
504703	07313-4621	Chocolate	25 yd.	3/8 in.
504715	07313-4676	Cocoa	25 yd.	3/8 in.
504721	07313-5418	Deep Sea	25 yd.	3/8 in.
504705	07313-4630	Dove	25 yd.	3/8 in.
504732	08347-CE	Dune	25 yd.	3/8 in.
504733	08348-CE	Flame	25 yd.	3/8 in.
504708	07313-4644	Graphite	25 yd.	3/8 in.
504728	07532-CE	Nautical	25 yd.	3/8 in.
504704	07313-4626	Navy	25 yd.	3/8 in.
504702	07313-4608	Onyx	25 yd.	3/8 in.
504730	08345	Putty	25 yd.	3/8 in.
504701	07313-4604	Salt	25 yd.	3/8 in.
504731	08346	Smoke	25 yd.	3/8 in.
504712	07313-4673	Spa	25 yd.	3/8 in.
504709	07313-4648	Stone	25 yd.	3/8 in.
504726	07313-5488	Teak	25 yd.	3/8 in.
504727	07313-5498	Vellum	25 yd.	3/8 in.
504711	07313-4672	Wren	25 yd.	3/8 in.

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503022

## Sunbrella® Awning Braid – 13/16 in. – No. 4015 European Style

A Sunbrella Acrylic braid with exceptional color retention. "European Style" braid is a basket weave pattern where as standard braid is a straight weave pattern.

Item Number	Style Number	Color	Put Up	Width
503032	4015	Aquamarine	100 yd.	13/16 in.
503020	4015	Beige	100 yd.	13/16 in.
503037	4015	Black	100 yd.	13/16 in.
503046	4015	Blended Brown	100 yd.	13/16 in.
503009	4015	Blended Gold	100 yd.	13/16 in.
503025	4015	Burgundy	100 yd.	13/16 in.
503021	4015	Cadet Grey	100 yd.	13/16 in.
503040	4015	Captain Navy	100 yd.	13/16 in.
503097	4015	Charcoal Grey	100 yd.	13/16 in.
503023	4015	Erin Green	100 yd.	13/16 in.
503027	4015	Forest Green	100 yd.	13/16 in.
503045	4015	Ivory	100 yd.	13/16 in.
503030	4015	Jockey Red	100 yd.	13/16 in.
503041	4015	Linen	100 yd.	13/16 in.
503039	4015	Logo Red	100 yd.	13/16 in.
503094	4015	Mediterranean Blue	100 yd.	13/16 in.
503016	4015	Natural	100 yd.	13/16 in.
503029	4015	Navy Blue	100 yd.	13/16 in.
503022	4015	Pacific Blue	100 yd.	13/16 in.
503024	4015	Persian Green	100 yd.	13/16 in.
503033	4015	Sapphire	100 yd.	13/16 in.
503035	4015	Sky Blue	100 yd.	13/16 in.
503042	4015	Sunflower Yellow	100 yd.	13/16 in.
503092	4015	Taupe	100 yd.	13/16 in.
503028	4015	Terracotta	100 yd.	13/16 in.
503091	4015	Toast	100 yd.	13/16 in.
503019	4015	True Brown	100 yd.	13/16 in.
503093	4015	Turquoise	100 yd.	13/16 in.

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## Bullion Fringe – Blended Polyester

Made with thicker twisted yarns, bullion fringe adds an extra layer of depth when compared to standard fringe. Bullion trim fringe is constructed from polyester (98% spun polyester, 2% texturized polyester) for excellent outdoor performance and lasting looks.

Use the unique fringe trim for decorative pillows, umbrella trimming, or upholstery functions where a bold look is desired. Polyester Bullion Fringe offers a clean, versatile embellishment.

Sold in full rolls only.

Item Number	Style Number	Color	Put Up	Width
503713	1038	Medium White	36 yd.	2-1/2 in.
503720	1035	Medium White	36 yd.	4 in.



502944

## Sunbrella® Awning Braid – 13/16 in. – No. 681

A 13/16 inch 100% Sunbrella Acrylic braid and is manufactured using four ends of Sunbrella yarn in one strand. This braid has exceptional color retention.

Item Number	Style Number	Color	Put Up	Width
502976	681	Aruba	100 yd.	13/16 in.
503052	681	Beige	100 yd.	13/16 in.
503044	681	Black	100 yd.	13/16 in.
502941	681	Black Cherry	100 yd.	13/16 in.
503060	681	Burgundy	100 yd.	13/16 in.
503059	681	Cadet Grey	100 yd.	13/16 in.
502958	681	Capri	100 yd.	13/16 in.
503079	681	Captain Navy	100 yd.	13/16 in.
502942	681	Charcoal	100 yd.	13/16 in.
502970	681	Charcoal Tweed	100 yd.	13/16 in.
502959	681	Cocoa	100 yd.	13/16 in.
503048	681	Erin Green	100 yd.	13/16 in.
503085	681	Fern	100 yd.	13/16 in.
503075	681	Forest Green	100 yd.	13/16 in.
503086	681	Heather Beige	100 yd.	13/16 in.
502966	681	Hemlock Tweed	100 yd.	13/16 in.
503084	681	Ivory	100 yd.	13/16 in.
502982	681	Ivy	100 yd.	13/16 in.
503051	681	Jockey Red	100 yd.	13/16 in.
503073	681	Linen	100 yd.	13/16 in.
503083	681	Logo Red	100 yd.	13/16 in.
502961	681	Marine Blue	100 yd.	13/16 in.
503081	681	Mediterranean Blue	100 yd.	13/16 in.
502963	681	Mediterranean Blue Tweed	100 yd.	13/16 in.
503043	681	Natural	100 yd.	13/16 in.
503057	681	Navy Blue	100 yd.	13/16 in.
502962	681	Ocean Blue	100 yd.	13/16 in.
503087	681	Orange	100 yd.	13/16 in.
502972	681	Oyster	100 yd.	13/16 in.
503049	681	Pacific Blue	100 yd.	13/16 in.
503088	681	Parchment	100 yd.	13/16 in.
502964	681	Royal Blue Tweed	100 yd.	13/16 in.
502974	681	Rust	100 yd.	13/16 in.
503077	681	Sapphire	100 yd.	13/16 in.
502971	681	Silver	100 yd.	13/16 in.
503056	681	Sky Blue	100 yd.	13/16 in.
502981	681	Slate	100 yd.	13/16 in.
503050	681	Sunflower Yellow	100 yd.	13/16 in.
502944	681	Taupe	100 yd.	13/16 in.
503054	681	Terracotta	100 yd.	13/16 in.
502951	681	Toast	100 yd.	13/16 in.
503053	681	True Brown	100 yd.	13/16 in.
502960	681	Tuscan	100 yd.	13/16 in.
502950	681	Walnut Brown Tweed	100 yd.	13/16 in.

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503129

## Sunbrella® Awning Braid – 5/8 in. – No. 6118

5/8 inch wide braid made from 100% Sunbrella Acrylic.

Item Number	Style Number	Color	Put Up	Width
503131	6118	Aquamarine	144 yd.	5/8 in.
503223	6118	Beige	144 yd.	5/8 in.
503221	6118	Black	144 yd.	5/8 in.
503225	6118	Blended Brown	144 yd.	5/8 in.
503228	6118	Burgundy	144 yd.	5/8 in.
503134	6118	Cadet Grey	144 yd.	5/8 in.
503158	6118	Captain Navy	144 yd.	5/8 in.
503159	6118	Charcoal Grey	144 yd.	5/8 in.
503138	6118	Forest Green	144 yd.	5/8 in.
503150	6118	Ivory	144 yd.	5/8 in.
503141	6118	Jockey Red	144 yd.	5/8 in.
503130	6118	Linen	144 yd.	5/8 in.
503156	6118	Logo Red	144 yd.	5/8 in.
503128	6118	Mediterranean Blue	144 yd.	5/8 in.
503153	6118	Natural	144 yd.	5/8 in.
503142	6118	Navy	144 yd.	5/8 in.
503129	6118	Pacific Blue	144 yd.	5/8 in.
503157	6118	Taupe	144 yd.	5/8 in.
503147	6118	Terracotta	144 yd.	5/8 in.
503148	6118	Toast	144 yd.	5/8 in.
503132	6118	True Brown	144 yd.	5/8 in.
503136	6118	Yellow	144 yd.	5/8 in.

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503306

## Polyester Awning Braid

Ideal for use with all awning fabrics. Also used to bind boat tops. Resists deteriorating effects of sunlight and weather. Excellent sewability. Recommend sewing with polyester thread.

Item Number	Style Number	Color	Put Up	Width
503306	61-20	Black	144 yd.	5/8 in.
503311	61-20	Blue	144 yd.	5/8 in.
503302	5314	White	288 yd.	5/8 in.



504460

## Sunbrella® Marine Binding – Centerfold – Type 1810

A Sunbrella acrylic braid that will not fade or weaken from normal exposure conditions, including sunlight, mildew and rot.

Item Number	Style Number	Color	Put Up	Width
504412	1810	Beige	200 yd.	7/8 in.
504460	1810	Black	200 yd.	7/8 in.
504456	1810	Cadet Grey	200 yd.	7/8 in.
504418	1810	Captain Navy	200 yd.	7/8 in.
504411	1810	Forest Green	200 yd.	7/8 in.
504415	1810	Jockey Red	200 yd.	7/8 in.
504414	1810	Linen	200 yd.	7/8 in.
504455	1810	Navy	200 yd.	7/8 in.
504459	1810	Natural	200 yd.	7/8 in.
504417	1810	Oyster	200 yd.	7/8 in.
504453	1810	Pacific Blue	200 yd.	7/8 in.
504419	1810	Taupe	200 yd.	7/8 in.

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503925

## Sunbrella® Marine Binding – Double-Fold Bias Cut

Sunbrella Acrylic marine binding in matching colors. Provides excellent color retention and weatherability. A double folded edge gives a finished and attractive look. Double folded and glued back 1/4 inch on each side. Bias cut binding assures pucker-free seams around curves and radius.

Item Number	Style Number	Color	Put Up	Width
504239	4620	Beige	100 yd.	1 in.
504208	4608	Black	100 yd.	1 in.
504231	4631	Burgundy	100 yd.	1 in.
504230	4630	Cadet Grey	100 yd.	1 in.
504211	4646	Captain Navy	100 yd.	1 in.
504235	4644	Charcoal Grey	100 yd.	1 in.
504236	4607	Charcoal Tweed	100 yd.	1 in.
504317	4676	Cocoa	100 yd.	1 in.
504229	4606	Dubonnet Tweed	100 yd.	1 in.
504237	4637	Forest Green	100 yd.	1 in.
504272	4672	Heather Beige	100 yd.	1 in.
504207	4605	Hemlock Tweed	100 yd.	1 in.
504203	4603	Jockey Red	100 yd.	1 in.
504233	4633	Linen	100 yd.	1 in.

Item Number	Style Number	Color	Put Up	Width
504254	4654	Linen Tweed	100 yd.	1 in.
504218	4666	Logo Red	100 yd.	1 in.
504318	4678	Marine Blue	100 yd.	1 in.
504213	4652	Mediterranean Blue	100 yd.	1 in.
504314	4653	Mediterranean Blue Tweed	100 yd.	1 in.
504204	4604	Natural	100 yd.	1 in.
504226	4626	Navy	100 yd.	1 in.
504200	4679	Ocean Blue	100 yd.	1 in.
504209	4642	Oyster	100 yd.	1 in.
504201	4601	Pacific Blue	100 yd.	1 in.
504243	4643	Persian Green	100 yd.	1 in.
504217	4617	Royal Blue Tweed	100 yd.	1 in.
504205	4641	Sapphrie Blue	100 yd.	1 in.
504232	4651	Silver	100 yd.	1 in.
504242	4684	Slate	100 yd.	1 in.
504245	4615	Smoke	100 yd.	1 in.
504216	4602	Sunflower Yellow	100 yd.	1 in.
504227	4648	Taupe	100 yd.	1 in.
504225	4628	Toast	100 yd.	1 in.
504319	2389	Toast Tweed	100 yd.	1 in.
504234	4621	True Brown	100 yd.	1 in.
504330	4608	Black	100 yd.	1-1/4 in.
504334	4630	Cadet Grey	100 yd.	1-1/4 in.
504351	4646	Captain Navy	100 yd.	1-1/4 in.
504328	4637	Forest Green	100 yd.	1-1/4 in.
504348	4633	Linen	100 yd.	1-1/4 in.
504327	4654	Linen Tweed	100 yd.	1-1/4 in.
504331	4604	Natural	100 yd.	1-1/4 in.
504326	4626	Navy	100 yd.	1-1/4 in.
504349	4642	Oyster	100 yd.	1-1/4 in.
504325	4689	Toast Tweed	100 yd.	1-1/4 in.
503928	4608	Black	100 yd.	3/4 in.
503929	4631	Burgundy	100 yd.	3/4 in.
503950	4630	Cadet Grey	100 yd.	3/4 in.
503946	4646	Captain Navy	100 yd.	3/4 in.
503969	4676	Cocoa	100 yd.	3/4 in.
503964	4671	Fern	100 yd.	3/4 in.
503945	4637	Forest Green	100 yd.	3/4 in.
503965	4672	Heather Beige	100 yd.	3/4 in.
503925	4603	Jockey Red	100 yd.	3/4 in.
503958	4633	Linen	100 yd.	3/4 in.

Items continue on next page.

Item Number	Style Number	Color	Put Up	Width
503954	4654	Linen Tweed	100 yd.	3/4 in.
503970	4678	Marine Blue	100 yd.	3/4 in.
503941	4653	Mediterranean Blue Tweed	100 yd.	3/4 in.
503924	4604	Natural	100 yd.	3/4 in.
503922	4626	Navy	100 yd.	3/4 in.
503971	4679	Ocean Blue	100 yd.	3/4 in.
503942	4642	Oyster	100 yd.	3/4 in.
503921	4601	Pacific Blue	100 yd.	3/4 in.
503923	4617	Royal Blue Tweed	100 yd.	3/4 in.
503933	4641	Sapphire Blue	100 yd.	3/4 in.
503975	4859	Silica Dune	100 yd.	3/4 in.
503962	4651	Silver	100 yd.	3/4 in.
503959	4648	Taupe	100 yd.	3/4 in.
503952	4628	Toast	100 yd.	3/4 in.
503956	2389	Toast Tweed	100 yd.	3/4 in.
503927	4621	True Brown	100 yd.	3/4 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



504021

## Sunbrella® Marine Binding – Double-Fold Straight Cut

Sunbrella Acrylic marine binding in matching colors. Provides excellent color retention and weatherability. A double folded edge gives a finished and attractive look. Double folded and glued back 1/4 inch on each side.

Item Number	Style Number	Color	Put Up	Width
502036	4623	Aquamarine	100 yd.	1 in.
502034	4608	Black	100 yd.	1 in.
502040	4631	Burgundy	100 yd.	1 in.
502044	4646	Captain Navy	100 yd.	1 in.
504043	4623	Aquamarine	100 yd.	3/4 in.
504020	4620	Beige	100 yd.	3/4 in.
504028	4608	Black	100 yd.	3/4 in.
504119	4608	Black	200 yd.	3/4 in.
504051	4631	Burgundy	100 yd.	3/4 in.
504050	4630	Cadet Grey	100 yd.	3/4 in.
504047	4646	Captain Navy	100 yd.	3/4 in.
504049	4644	Charcoal	100 yd.	3/4 in.
504027	4607	Charcoal Tweed	100 yd.	3/4 in.
504026	4606	Dubonnet Tweed	100 yd.	3/4 in.
504057	4637	Forest Green	100 yd.	3/4 in.
504071	4672	Heather Beige	100 yd.	3/4 in.
504080	4632	Ivy	100 yd.	3/4 in.

Item Number	Style Number	Color	Put Up	Width
504023	4603	Jockey Red	100 yd.	3/4 in.
504033	4633	Linen	100 yd.	3/4 in.
504054	4654	Linen Tweed	100 yd.	3/4 in.
504078	4678	Marine Blue	100 yd.	3/4 in.
504052	4652	Mediterranean Blue	100 yd.	3/4 in.
504053	4653	Mediterranean Blue Tweed	100 yd.	3/4 in.
504016	4616	Mocha Tweed	100 yd.	3/4 in.
504024	4604	Natural	100 yd.	3/4 in.
504046	4626	Navy	100 yd.	3/4 in.
504079	4679	Ocean Blue	100 yd.	3/4 in.
504036	4642	Oyster	100 yd.	3/4 in.
504021	4601	Pacific Blue	100 yd.	3/4 in.
503996	4683	Parchment	100 yd.	3/4 in.
504029	4643	Persian Green	100 yd.	3/4 in.
504037	4617	Royal Blue Tweed	100 yd.	3/4 in.
504034	2079	Royal Navy	100 yd.	3/4 in.
504055	4624	Sky Blue	100 yd.	3/4 in.
504060	4602	Sunflower Yellow	100 yd.	3/4 in.
504042	4648	Taupe	100 yd.	3/4 in.
504048	4628	Toast	100 yd.	3/4 in.
504059	2389	Toast Tweed	100 yd.	3/4 in.
504041	4621	True Brown	100 yd.	3/4 in.
504030	4610	Turquoise	100 yd.	3/4 in.
504088	4608	Black	300 yd.	7/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.





503830

## Hydrofend® Marine Binding

Double-folded, straight-cut binding. Made from durable Hydrofend solution-dyed polyester fabric. The marine binding provides a finished and attractive look. Excellent water resistance, mildew resistance, color retention, and fray resistance. Use in boat covers, boat tops, boat enclosures, storage covers, and furniture covers. Coordinate with matching colors in Hydrofend fabric.

Item Number	Color	Put Up	Width
503832	Admiral Navy	100 yd.	3/4 in.
503838	Amazon Green	100 yd.	3/4 in.
503834	Bold Black	100 yd.	3/4 in.
503836	Bronze Taupe	100 yd.	3/4 in.
503837	Deep Maroon	100 yd.	3/4 in.
503833	Desert Beige	100 yd.	3/4 in.
503847	Hunter Green	100 yd.	3/4 in.
503835	Iron Grey	100 yd.	3/4 in.
503841	Mahogany Brown	100 yd.	3/4 in.
503830	Meteor Grey	100 yd.	3/4 in.
503831	Military Tan	100 yd.	3/4 in.
503839	Olympic Blue	100 yd.	3/4 in.
503845	Radiant Red	100 yd.	3/4 in.

Hydrofend® is a registered trademark of Glen Raven, Inc.



502767

## Aqualon® Edge Marine Binding

Double-folded, straight cut. Colors match Aqualon Edge marine top and cover fabric.

Item Number	Color	Put Up	Width
502757	Alpine White	100 yd.	3/4 in.
502753	Apple Red	100 yd.	3/4 in.
502762	Atlantic Blue	100 yd.	3/4 in.
502764	Basic Beige	100 yd.	3/4 in.
502750	Black Onyx	100 yd.	3/4 in.
502755	Cabernet	100 yd.	3/4 in.
502758	Charcoal Grey	100 yd.	3/4 in.
502767	Cherry Red	100 yd.	3/4 in.
502754	Coastal Ivory	100 yd.	3/4 in.
502765	Indigo Blue	100 yd.	3/4 in.
502751	Ivy Green	100 yd.	3/4 in.
502759	Mountain Taupe	100 yd.	3/4 in.
502760	Nautical Navy	100 yd.	3/4 in.
502770	Oxford Tan	100 yd.	3/4 in.
502766	Slate Grey	100 yd.	3/4 in.
502763	Toast	100 yd.	3/4 in.
502756	True Blue	100 yd.	3/4 in.
502752	True Teal	100 yd.	3/4 in.

Aqualon® is a registered trademark of Glen Raven, Inc.



502245

## Regatta® Marine Binding

This vinyl laminated, polyester bias cut binding is made from waterproof and mildew-resistant Regatta Marine Fabric.

Item Number	Description	Color	Put Up	Width
502265	Double-Fold	Black	50 yd.	1 in.
502259	Double-Fold	Ivory	50 yd.	1 in.
502247	Double-Fold	White	50 yd.	1 in.
502245	Double-Fold	Black	50 yd.	3/4 in.
502239	Double-Fold	Ivory	50 yd.	3/4 in.
502230	Double-Fold	White	50 yd.	3/4 in.
502267	Single-Fold	White	50 yd.	1-1/4 in.

Regatta® is a registered trademark of Herculite Products Inc.



502868

## Serge Ferrari Stamoid® Marine Binding

This binding is made from lightweight and durable Stamoid marine fabric. Coordinate with colors in the marine fabric collection for easy design. Bias cut ensures maximum flexibility.

Some items are drop ship only.

Item Number	Style Number	Color	Put Up	Width
502893	2ET	Black	100 yd.	1 in.
502895	2ET	Cream	100 yd.	1 in.
502892	2ET	Ivory	100 yd.	1 in.
502891	2ET	Snow White	100 yd.	1 in.
502890	2ET	White	100 yd.	1 in.
502921	1ET	Black	100 yd.	1-1/4 in.
502910	1ET	White	100 yd.	1-1/4 in.
502871	2ET	Black	100 yd.	3/4 in.
502875	2ET	Charcoal	100 yd.	3/4 in.
502861	2ET	Cream	100 yd.	3/4 in.
502862	2ET	Ivory	100 yd.	3/4 in.
502872	2ET	Navy	100 yd.	3/4 in.
502864	2ET	Pearl Gray	100 yd.	3/4 in.
502868	2ET	Royal Blue	100 yd.	3/4 in.
502863	2ET	Sand	100 yd.	3/4 in.
502865	2ET	Silver	100 yd.	3/4 in.
502873	2ET	Snow White	100 yd.	3/4 in.
502860	2ET	White	100 yd.	3/4 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



515593

## Imperial Vinyl Marine Binding

An embossed coated vinyl on a drill backing. Bias cut. The vinyl and drill contain

Item Number	Description	Color	Put Up	Width
515606	Single-folded	Beige	135 yd.	1-1/4 in.
515590	Single-folded	Black	100 yd.	1-1/4 in.
504825	Single-folded	Black	100 yd.	1-1/4 in.
515593	Single-folded	Blue	100 yd.	1-1/4 in.
515581	Single-folded	Burgundy	100 yd.	1-1/4 in.
515592	Single-folded	Oyster	100 yd.	1-1/4 in.
504822	Single-folded	Slate Gray	100 yd.	1-1/4 in.
515591	Single-folded	White	100 yd.	1-1/4 in.
504492	Single-folded	White	100 yd.	1-1/4 in.
515595	Double-folded	Black	100 yd.	3/4 in.
515597	Double-folded	Oyster	100 yd.	3/4 in.
515596	Double-folded	White	100 yd.	3/4 in.



515580

## 300 Series Vinyl Marine Binding

An extremely durable, seamed bias binding. Embossed vinyl on strong, high quality 14 to 15 ounce backing. Bias cut. Resists dirt, ultraviolet rays, and fraying.

Item Number	Description	Color	Put Up	Width
515601	Single-folded	White	100 yd.	1 in.
515584	Single-folded	Black	100 yd.	1-1/4 in.
515576	Single-folded	Light Gray	100 yd.	1-1/4 in.
515587	Single-folded	Oyster	100 yd.	1-1/4 in.
515586	Single-folded	White	100 yd.	1-1/4 in.
515580	Double-folded	Black	100 yd.	3/4 in.
515577	Double-folded	Light Gray	100 yd.	3/4 in.
515583	Double-folded	Oyster	100 yd.	3/4 in.
515582	Double-folded	White	100 yd.	3/4 in.



503982

## Sur Last® Marine Binding

Sur Last double-fold bias cut binding is made from lightweight, yet strong and flexible Sur Last 100%, solution-dyed polyester fabric. Binding provides a finished and attractive appearance.

Item Number	Color	Put Up	Width
503982	Black	100 yd.	3/4 in.
503984	Light Grey	100 yd.	3/4 in.

Sur Last® is a registered trademark of Glen Raven, Inc.



502414

## Sunbrella® Facing

Cut from Sunbrella. Wider than traditional folded binding. Can be used as a zipper facing or cover and hem application.

Item Number	Style Number	Color	Put Up	Width
502308	4608	Black	60 yd.	1-1/2 in.
502346	4646	Captain Navy	60 yd.	1-1/2 in.
502290	4633	Linen	60 yd.	1-1/2 in.
502326	4626	Navy	60 yd.	1-1/2 in.
502289	4628	Toast	60 yd.	1-1/2 in.
502408	4608	Black	60 yd.	2 in.
502431	4631	Burgundy	60 yd.	2 in.
502430	4630	Cadet Grey	60 yd.	2 in.
502446	4646	Captain Navy	60 yd.	2 in.
502437	4637	Forest Green	60 yd.	2 in.
502414	4633	Linen	60 yd.	2 in.
502416	4654	Linen Tweed	60 yd.	2 in.
502415	4652	Mediterranean Blue	60 yd.	2 in.
502404	4604	Natural	60 yd.	2 in.
502426	4626	Navy	60 yd.	2 in.
502401	4601	Pacific Blue	60 yd.	2 in.
502413	4628	Toast	60 yd.	2 in.
502449	4608	Black	60 yd.	2-1/2 in.

Sunbrella® is registered trademark of Glen Raven, Inc.



502210

## Regatta® Facing

Vinyl facing made from Regatta marine vinyl fabric.

Item Number	Color	Put Up	Width
502202	White	50 yd.	1-1/2 in.
502211	Ivory	50 yd.	2 in.
502210	White	50 yd.	2 in.

Regatta® is a registered trademark of Herculite Products Inc.



502847

## Serge Ferrari Stamoid® Facing

Vinyl facing made from Stamoid marine vinyl fabric.

Item Number	Color	Put Up	Width
502847	Snow White	50 yd.	1-1/2 in.
502848	White	50 yd.	1-1/2 in.
502856	Black	50 yd.	2 in.
502855	Cream	50 yd.	2 in.
502851	Snow White	50 yd.	2 in.
502854	White	50 yd.	2 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



515530

## Welting – Welt Cord

Foam and braided paper welt cord are used in all upholstery applications. Simply sew vinyl, leather, or fabric around the welt cord leaving a flange to be sewn into the seams of the upholstery. Excellent for use in automotive, furniture, and marine applications.

Item Number	Color	Material	Put Up	Width
515526	White	Polyethylene Foam	1000 yd.	4/32 in.
515497	White	Braided Paper	1250 yds.	5/32 in.
515530	White	Polyethylene Foam	1000 yd.	5/32 in.
515538	White	Braided Paper	500 yd.	8/32 in.



578100

## Welt

Use this hollow welt cord to add attractive piping to marine seating and other upholstery projects. Made from heavy-grade but flexible plastic, the welting is built to last. Easily sew fabric around the cord and glue into the seams of the furniture for an elegant finish.

Item Number	Style Number	Description	Put Up	Size
578100	PEH432500-6	Hollow PE	1500 ft.	4/32 in.



516430

## Sunbrella® Horizon® Hidem Gimp

Made from Sunbrella Horizon coated Sunbrella Engineered Leather, this durable hidem gimp withstands demanding marine conditions. Resists water, mildew, pinking, abrasion, cold crack, and salt residue. Use to conceal staples or tacks in boat upholstery and other marine fabric trim purposes. Simply place the hidem gimp over the staple-lined fabric edge and staple in the middle to hide the fasteners. Pair with matching Sunbrella Horizon marine fabric for a finished look.

Item Number	Style Number	Color	Put Up	Width
516440	10200-0021	Aquamarine	25 yd.	5/8 in.
516441	10200-0022	Aruba	25 yd.	5/8 in.
516439	10200-0020	Azure	25 yd.	5/8 in.
516433	10200-0014	Black	25 yd.	5/8 in.
516434	10200-0015	Burgundy	25 yd.	5/8 in.
516425	10200-0006	Cadet Grey	25 yd.	5/8 in.
516431	10200-0012	Charcoal	25 yd.	5/8 in.
516421	10200-0002	Cloud	25 yd.	5/8 in.
516442	10200-0023	Doubloon	25 yd.	5/8 in.
516428	10200-0009	Dune	25 yd.	5/8 in.
516424	10200-0005	Flax	25 yd.	5/8 in.
516430	10200-0011	Grey	25 yd.	5/8 in.
516427	10200-0008	Heather Beige	25 yd.	5/8 in.
516422	10200-0003	Ivory	25 yd.	5/8 in.
516435	10200-0016	Logo Red	25 yd.	5/8 in.
516437	10200-0018	Mediterranean	25 yd.	5/8 in.
516432	10200-0013	Mink	25 yd.	5/8 in.
516436	10200-0017	Navy	25 yd.	5/8 in.
516443	10200-0018	Pacific Blue	25 yd.	5/8 in.
516438	10200-0019	Sky	25 yd.	5/8 in.
516429	10200-0010	Taupe	25 yd.	5/8 in.



Item Number	Style Number	Color	Put Up	Width
516426	10200-0007	Toast	25 yd.	5/8 in.
516423	10200-0004	Vellum	25 yd.	5/8 in.
516420	10200-0001	White	25 yd.	5/8 in.

Sunbrella® and Horizon® are registered trademarks of Glen Raven, Inc.



515922

## Causeway® Hidem Gimp

Durable hidem gimp made from Causeway PVC-coated polyester. Stands up to demanding marine settings. Resists water, mildew, and fading. Use to cover tacks or staples in boat upholstery and other marine fabric trim purposes. To install, simply position the hidem gimp over the staple-lined fabric edge and staple in the middle to hide the fasteners. Coordinate with matching colors in Causeway marine fabric.

Item Number	Color	Put Up	Width
515920	Adobe	25 yd.	5/8 in.
515924	Beige	25 yd.	5/8 in.
515932	Black	25 yd.	5/8 in.
515925	Bright White	25 yd.	5/8 in.
515927	Chocolate	25 yd.	5/8 in.
515928	Cognac	25 yd.	5/8 in.
515923	Dark Blue	25 yd.	5/8 in.
515929	Dark Grey	25 yd.	5/8 in.
515933	Dark Pearl	25 yd.	5/8 in.
515931	Honey	25 yd.	5/8 in.
515930	Ivory	25 yd.	5/8 in.
515921	Pearl	25 yd.	5/8 in.
515926	Pearl White	25 yd.	5/8 in.
515922	Red	25 yd.	5/8 in.
515934	Soft Rose	25 yd.	5/8 in.
515935	Turquoise	25 yd.	5/8 in.

Causeway® is a registered trademark of Glen Raven, Inc.



516845

## Nassimi Seaquest Hidem Gimp

Hidem gimp is used to hide staples in upholstery and headliner applications. Colors correspond with the Nassimi Seaquest Vinyl Upholstery collection.

Item Number	Color	Put Up	Width
516832	Anchor	25 yd.	5/8 in.
516834	Chalk	25 yd.	5/8 in.
516836	Dune	25 yd.	5/8 in.
516837	Ebony	25 yd.	5/8 in.
516840	Hampton	25 yd.	5/8 in.
516844	Lotion	25 yd.	5/8 in.
516845	Marble	25 yd.	5/8 in.
516847	Mist	25 yd.	5/8 in.
516855	Sea White	25 yd.	5/8 in.

Items continue on next page.

Item Number	Color	Put Up	Width
516856	Smoke	25 yd.	5/8 in.
516859	Too White	25 yd.	5/8 in.
516850	Oyster	25 yd.	5/8 in.
516860	White Ice	25 yd.	5/8 in.



515830

## Nautolex® Capitano™ Hidem Gimp

Made from durable vinyl, this Nautolex Capitano hidem gimp outlasts extreme marine settings. The center-split welt resists dirt, UV rays, mildew, and fraying. Use the versatile binding to conceal staples in boat upholstery, headliners, and other marine fabric trim applications.

Item Number	Style Number	Color	Put Up	Width
515825	449192	Beach White	25 yd.	3/4 in.
515822	448000	Cloud White	25 yd.	3/4 in.
515820	448001	Conch Shell	25 yd.	3/4 in.
515828	448007	Cyberspace	25 yd.	3/4 in.
515830	448008	Sandshell	25 yd.	3/4 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc. Capitano™ is a trademark of OMNOVA Solutions, Inc.



515617

## Hidem Gimp

A very durable split hidem gimp. Resists dirt, ultraviolet rays, mildew and fraying. Used to hide staples in upholstery and headliner applications.

Item Number	Style Number	Color	Put Up	Width
515617	308	Black	50 yd.	5/8 in.



516577

## Sunbrella® Horizon® Welt

Made from Sunbrella Horizon coated Engineered Synthetic Leather, this durable welt is great for demanding marine environments. Fights water, mildew, salt, cold crack, abrasion, and pinking. Use to visually enhance seams on boat seating. Coordinate with matching colors in Sunbrella Horizon marine upholstery fabric.

Item Number	Style Number	Color	Cord Size	Put Up	Width
516580	10200-0021	Aquamarine	5/32 in.	50 yd.	5/8 in.
516581	10200-0022	Aruba	5/32 in.	50 yd.	5/8 in.
516579	10200-0020	Azure	5/32 in.	50 yd.	5/8 in.
516573	10200-0014	Black	5/32 in.	50 yd.	5/8 in.
516574	10200-0015	Burgundy	5/32 in.	50 yd.	5/8 in.
516565	10200-0006	Cadet Grey	5/32 in.	50 yd.	5/8 in.
516571	10200-0012	Charcoal	5/32 in.	50 yd.	5/8 in.
516561	10200-0002	Cloud	5/32 in.	50 yd.	5/8 in.
516582	10200-0023	Doubloon	5/32 in.	50 yd.	5/8 in.
516568	10200-0009	Dune	5/32 in.	50 yd.	5/8 in.
516564	10200-0005	Flax	5/32 in.	50 yd.	5/8 in.
516570	10200-0011	Grey	5/32 in.	50 yd.	5/8 in.

Item Number	Style Number	Color	Cord Size	Put Up	Width
516567	10200-0008	Heather Beige	5/32 in.	50 yd.	5/8 in.
516562	10200-0003	Ivory	5/32 in.	50 yd.	5/8 in.
516575	10200-0016	Logo Red	5/32 in.	50 yd.	5/8 in.
516577	10200-0018	Mediterranean	5/32 in.	50 yd.	5/8 in.
516572	10200-0013	Mink	5/32 in.	50 yd.	5/8 in.
516576	10200-0017	Navy	5/32 in.	50 yd.	5/8 in.
516583	10200-0018	Pacific Blue	5/32 in.	50 yd.	5/8 in.
516585	10200-0025	Salt	5/32 in.	50 yd.	5/8 in.
516578	10200-0019	Sky	5/32 in.	50 yd.	5/8 in.
516569	10200-0010	Taupe	5/32 in.	50 yd.	5/8 in.
516586	10200-0007	Toast	5/32 in.	50 yd.	5/8 in.
516563	10200-0004	Vellum	5/32 in.	50 yd.	5/8 in.
516560	10200-0001	White	5/32 in.	50 yd.	5/8 in.

Sunbrella® and Horizon® are registered trademarks of Glen Raven, Inc.

## Causeway® Welt

Durable welt made from Causeway PVC-coated polyester. Withstands severe marine conditions. Prevents damage from water and mildew. Use to visually enhance seams on boat seats. Coordinate with matching colors in Causeway marine upholstery fabric.



515992

Item Number	Color	Cord Size	Put Up	Width
515980	Adobe	5/32 in.	50 yd.	5/8 in.
515984	Beige	5/32 in.	50 yd.	5/8 in.
515992	Black	5/32 in.	50 yd.	5/8 in.
515985	Bright White	5/32 in.	50 yd.	5/8 in.
515987	Chocolate	5/32 in.	50 yd.	5/8 in.
515988	Cognac	5/32 in.	50 yd.	5/8 in.
515983	Dark Blue	5/32 in.	50 yd.	5/8 in.
515993	Dark Grey	5/32 in.	50 yd.	5/8 in.
515989	Dark Pearl	5/32 in.	50 yd.	5/8 in.
515991	Honey	5/32 in.	50 yd.	5/8 in.
515990	Ivory	5/32 in.	50 yd.	5/8 in.
515981	Pearl	5/32 in.	50 yd.	5/8 in.
515986	Pearl White	5/32 in.	50 yd.	5/8 in.
515982	Red	5/32 in.	50 yd.	5/8 in.
515994	Soft Rose	5/32 in.	50 yd.	5/8 in.
515995	Turquoise	5/32 in.	50 yd.	5/8 in.

Causeway® is a registered trademark of Glen Raven, Inc.



516879

## Nassimi Seaquest Welt

Welt is used to visually enhance a seam on seating. Colors correspond with the Nassimi Seaquest Vinyl Upholstery collection.

Item Number	Color	Cord Size	Put Up	Width
516864	Chalk	5/32 in.	50 yd.	5/8 in.
516867	Ebony	5/32 in.	50 yd.	5/8 in.
516876	Midnight	5/32 in.	50 yd.	5/8 in.
516877	Mist	5/32 in.	50 yd.	5/8 in.
516879	Navy	5/32 in.	50 yd.	5/8 in.
516885	Sea White	5/32 in.	50 yd.	5/8 in.
516889	Too White	5/32 in.	50 yd.	5/8 in.



578094

## Welt – Rubber Spray

Made from EPDM, a dense non-marking rubber, this spray welt stays soft and easy to mold to a windshield or any other surface. With no foam to disintegrate, it lasts much longer than other weltings. It is also stronger, less likely to rip out, making it hassle free.

Item Number	Style Number	Color	Put Up	Size
578055	3707-EP	Black	300 ft.	3/8 in. x 3/4 in.
578094	3707-EP	Black	100 ft.	3/8 in. x 3/4 in.



578076



## Xtreme Seal®

Xtreme Seal edge seal is a high-tech extrusion, engineered and manufactured with an advanced EPDM material. It's a closed-cell flexible material that can be glued or sewn to most materials and surfaces. The flexibility and unique design creates a three-point contact seal on most surfaces. Xtreme Seal is an ideal choice for an edge seal on all types of custom covers, such as convertible tops, side curtains, camper enclosures, windshield tops and sides, front-drop windshields, and deck seals. Sold in full rolls only.

Item Number	Color
578076	Black

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



578051

## Xtreme Seal® Ultra Seal

Xtreme Seal Ultra Seal is designed for a great edge seal. It works well with DOT® Common Sense® fasteners and gives a flatter finished profile. Sold in full rolls only.

Item Number	Style Number	Color	Put Up	Width
578051	POD9	Black	100 ft.	1.8 in.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC. DOT® and Common Sense® are registered trademarks of Scovill, Inc.



578053

## Xtreme Seal® V-Seal

Xtreme V-Seal works well with all cutouts and tight corners, bow covers and radar arch cutouts. Sold in full rolls only.

Item Number	Style Number	Color	Put Up	Width
578053	POD11	Black	100 ft.	0.691 in.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



578054

## Xtreme Seal® Awning Seal

Awning installations are a breeze with Xtreme Seal Awning Seal. Designed for the awning industry as a gasket material between the frame and the mounting surface, Xtreme Seal Awning Seal conforms to the contour of the mounting surface, eliminating the need for silicone and providing a clean finished product. Made of EPDM synthetic rubber, Xtreme Seal Awning Seal also features an adhesive back, saving time and making mounting easy. Sold in full rolls only.

Item Number	Style Number	Color	Put Up
578054	POD-AW	Black	250 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



## Thread – Coats Dabond® Nano

This polyester thread provides all the strength characteristics as regular Dabond plus has an anti-wick finish that minimizes seam leakage.



542350

Item Number	Average Breaking Strength	Color	Color Number	Put Up	Size
542558	18.17 lbs.	Black	4608	16 oz. tube	V-138
542557	18.17 lbs.	White		16 oz. tube	V-138
542532	14.5 lbs.	White		16 oz. tube	V-92 (#16)
542530	14.5 lbs.	Black	4608	16 oz. tube	V-92
542336	14.5 lbs.	Black	4608	8 oz. tube	V92
542346	14.5 lbs.	Cadet Gray	4630	8 oz. tube	V92
542350	14.5 lbs.	Linen	4633	8 oz. tube	V92

Dabond® is a registered trademark of J. & P. Coats, Limited.

## Thread – Coats Dual Duty®

Dual Duty is “core”-type thread made by spinning a high-grade cotton warp around a continuous multi-filament polyester core. Low shrinkage as compared to cotton, high single end strength, stronger seams than with cotton of equivalent size, and excellent resistance to abrasion. When wet, cotton swells to fill needle holes in fabric, which reduces seam leakage.



551952

Item Number	Color	Put Up	Size
551952	Natural	1-1/2 lb. cones, 5,000 yd./cone, 18/box	150

Dual Duty® is a registered trademark of J. & P. Coats, Limited.

## Thread – Coats Polymatic® AW (Anti-Wick) Bonded Monocord Dacron®

Polymatic AW (Anti-Wick) inhibits the capillary action that causes seam leakage. Where seam leakage would detract from the utility of the end product, specify this thread.



551906

Item Number	Description	Approx. Yards Per Pound	Average Breaking Strength	Color	Put Up	Size
551906	Left Twist	3500	18 lbs.	Black	1 lb. tubes, 40/box	125
551905	Left Twist	3500	18 lbs.	White	1 lb. tubes, 40/box	125

Polymatic® is a registered trademark of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.

## Thread – Coats Polymatic® Bonded Monocord Dacron®

A bonded monocord Dacron thread treated for maximum resistance to UV degradation. This thread has increased lubrication to protect the thread during the sewing process. Stronger than twisted threads, therefore a smaller thread size can be used. Less prone to ravel and knot during sewing. Its oval profile reduces exposure of thread to surface abrasion. Can be used on both sides of double needle machine.



551913

Item Number	Style Number	Approx. Yards Per Pound	Average Breaking Strength	Color	Put Up	Size
551943	40560-S2562P	3572	18 lbs.	Ashes	1 lb. tubes, 40/box	125
551926	40560-SBLACKD	3572	18 lbs.	Black	1 lb. tubes, 40/box	125
551928	40560-S7143P	3572	18 lbs.	Blue	1 lb. tubes, 40/box	125
551929	40560-S1522P	3572	18 lbs.	Brown	1 lb. tubes, 40/box	125
551913	40560-S1941P	3572	18 lbs.	Buckskin	1 lb. tubes, 40/box	125
551922	40560-S0042P	3572	18 lbs.	Grey	1 lb. tubes, 40/box	125
551921	40560-S0538P	3572	18 lbs.	Red	1 lb. tubes, 40/box	125

Item Number	Style Number	Approx. Yards Per Pound	Average Breaking Strength	Color	Put Up	Size
551925	40560-WHITE	3572	18 lbs.	White	1 lb. tubes, 40/box	125
551917	40660-SBLACKD	2800	22 lbs.	Black	1 lb. tubes, 40/box	160
551919	40660-WHITE	2800	22 lbs.	White	1 lb. tubes, 40/box	160
551936	40440-SBLACKD	3783	15.5 lbs.	Black	1 lb. tubes, 40/box	FF
551935	40440-WHITE	3783	15.5 lbs.	White	1 lb. tubes, 40/box	FF

Polymatic® is a registered trademark of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.

## Thread – Coats Ultra Dee® Polyester

A corded thread made from a high strength, resilient and continuous filament polyester. Heat set to minimize shrinkage or stretch. The bonded finish adds strength and reduces fraying at needle eye. All are left twist threads.



541800

Item Number	Style Number	Description	Approx. Yards Per Tube	Average Breaking Strength	Color	Put Up	Size
541322	15630-BLACKD	Bonded	2913	21.4 lbs.	Black	1 lb. tubes	DB138 (#12)
541319	15630-2722	Bonded	3100	21.4 lbs.	Olive Drab	1 lb. tubes	DB138 (#12)
541356	11940-33624	Bonded	1035	14 lbs.	Rhonda Blue	1 lb. tubes, 50/box	DB138 (#12)
541320	15630-WHITE	Bonded	2913	21.4 lbs.	White	1 lb. tubes	DB138 (#12)
541214	15640-WHITE	Gral Anti-Static Finish	3100	21.4 lbs.	White	1 lb. tubes	DB138 (#12)
542102	12050-WHITE	Bonded	1876	31.4 lbs.	White	1 lb. tubes	DB207 (#4)
541325	11800-BLACKD	Bonded	5549	10.5 lbs.	Black	1 lb. tubes	DB69 (#24)
542415	11750-BLACKD	Gral Anti-Static Finish	5549	10.5 lbs.	Black	1 lb. tubes	DB69 (#24)
541324	11800-WHITE	Bonded	5549	10.5 lbs.	White	1 lb. tubes	DB69 (#24)
542414	11750-WHITE	Gral Anti-Static Finish	5549	10.5 lbs.	White	1 lb. tubes	DB69 (#24)
541826	18100-35123	Bonded	1147	14.2 lbs.	Ashes	4 oz. tubes	DB92 (#16)
541326	11880-3187	Bonded	4141	14.2 lbs.	Beaver	1 lb. tubes	DB92 (#16)
541805	18100-3187	Bonded	1147	14.2 lbs.	Beaver	4 oz. tubes	DB92 (#16)
541323	15660-BLACKD	Bonded	4141	14.2 lbs.	Black	1 lb. tubes	DB92 (#16)
541816	15660-BLACKD	Bonded	1147	14.2 lbs.	Black	4 oz. tubes	DB92 (#16)
541817	18100-33624	Bonded	1147	14.2 lbs.	Blue	4 oz. tubes	DB92 (#16)
541808	18100-4815	Bonded	1147	14.2 lbs.	Gold	4 oz. tubes	DB92 (#16)
541803	18100-2328	Bonded	1147	14.2 lbs.	Malaga	4 oz. tubes, 10/box	DB92 (#16)
541821	18100-33784	Bonded	1147	14.2 lbs.	Medium Titanium	4 oz. tubes	DB92 (#16)
541815	18100-12923	Bonded	1147	14.2 lbs.	Peasant Beige	4 oz. tubes, 10/box	DB92 (#16)
541800	18100-107	Bonded	1147	14.2 lbs.	Red	4 oz. tubes	DB92 (#16)
541321	15660-WHITE	Bonded	4141	14.2 lbs.	White	1 lb. tubes	DB92 (#16)
541838	18100-WHITE	Bonded	1147	14.2 lbs.	White	4 oz. tubes	DB92 (#16)

Ultra Dee® is a registered trademark of J. & P. Coats, Limited.



540437

## Thread – A&E Poly Nu Bond™ Twisted Non-Wick Polyester

Poly Nu Bond has superior strength, stretch and recovery properties and excellent resistance to chemicals, bacteria, mildew, wear and abrasion. This thread is made of quality, high tenacity, heat resistant, continuous filament yarn. Special waxes, silicones and oils are applied to lubricate the thread, reducing needle heat and increasing sewability. This also aids in the application of constant machine tension and good loop formation.

Item Number	Description	Approx. Yards Per Pound	Average Breaking Strength	Color	Color Number	Put Up	Size
542453		2700	23 lbs.	Black	4608	1 lb. tubes	138
540305	Right Twist	2700	23 lbs.	Black	4608	1 lb. tubes	138
540431		2700	23 lbs.	Burgundy	4631	1 lb. tubes	138
540430		2700	23 lbs.	Cadet Gray	4630	1 lb. tubes	138
540334		2700	23.8 lbs.	Desert Tan		1 lb. tubes	138
540437		2700	23 lbs.	Forest Green	4637	1 lb. tubes	138
540403		2700	23 lbs.	Jockey Red	4603	1 lb. tubes	138
540346		2700	23 lbs.	Navy	4646	1 lb. tubes	138
540433		2700	23 lbs.	New Linen	4633	1 lb. tubes	138
540301		2700	23 lbs.	Pacific Blue	4601	1 lb. tubes	138
540328		2700	23 lbs.	Toast	4628	1 lb. tubes	138
540321		2700	23 lbs.	True Brown	4621	1 lb. tubes	138
542452		2700	23 lbs.	White		1 lb. tubes	138
540304	Right Twist	2700	23 lbs.	White		1 lb. tubes	138
542455		5700	10 lbs.	Black	4608	1 lb. tubes	69
540705		5700	10 lbs.	Cadet Gray	4630	1 lb. tubes	69
540706		5700	10 lbs.	Navy Blue	4626	1 lb. tubes	69
540704		5700	10 lbs.	Toast	4628	1 lb. tubes	69
542454		5700	10 lbs.	White		1 lb. tubes	69
542451		4200	13.8 lbs.	Black	4608	1 lb. tubes	92
540631		4200	13.8 lbs.	Burgundy	4631	1 lb. tubes	92
540630		4200	13.8 lbs.	Cadet Gray	4630	1 lb. tubes	92
540637		4200	13.8 lbs.	Forest Green	4637	1 lb. tubes	92
540603		4200	13.8 lbs.	Jockey Red	4603	1 lb. tubes	92
540546		4200	13.8 lbs.	Navy	4646	1 lb. tubes	92
540633		4200	13.8 lbs.	New Linen	4633	1 lb. tubes	92
540501		4200	13.8 lbs.	Pacific Blue	4601	1 lb. tubes	92
540620		4200	13.8 lbs.	Steel Gray		1 lb. tubes	92
540528		4200	13.8 lbs.	Toast	1628	1 lb. tubes	92
542450		4200	13.8 lbs.	White		1 lb. tubes	92

Poly Nu Bond™ is a trademark of American & Efirid Enterprises, Inc.

## Thread – PremoBond Bonded Anti-Wick Polyester



543034

In the performance fabrics industry, even the thread needs to outlast coarse conditions. With anti-wicking and mildew-resistant properties, PremoBond thread is perfect for high-moisture settings. Its exclusive UV dye and bonding process ensure maximum fade prevention and bleed resistance. A pioneer in the sewing thread market, its custom lubricant provides clean running for first-rate sewability. The continuous filament, bonded polyester makes it 30% stronger than leading brands.

PremoBond thread works great in outdoor and marine fabric applications, awnings and shade, filtration, tarps, slings, geotextiles, and other industrial purposes. Made in the USA.

Item Number	Style Number	Description	Approx. Yards Per Tube	Average Breaking Strength	Color	Put Up	Size
543028	BPT 138	Right Twist	2850	20 lbs.	Black	16 oz. spool	Tex 135
543031	BPT 138		2650	20 lbs.	Black	16 oz. spool	Tex 135
543039	BPT 138		1388	20 lbs.	Brown	8 oz. spool	Tex 135
543041	BPT 138		1388	20 lbs.	Burgundy	8 oz. spool	Tex 135
543036	BPT 138		1388	20 lbs.	Forest Green	8 oz. spool	Tex 135
543034	BPT 138		1388	20 lbs.	Marine Blue	8 oz. spool	Tex 135
543033	BPT 138		1388	20 lbs.	Navy	8 oz. spool	Tex 135
543037	BPT 138		1388	20 lbs.	Olive Drab	8 oz. spool	Tex 135
543040	BPT 138		1388	20 lbs.	Red	8 oz. spool	Tex 135
543038	BPT 138		1388	20 lbs.	Sand	8 oz. spool	Tex 135
543035	BPT 138		1388	20 lbs.	Steel Grey	8 oz. spool	Tex 135
543032	BPT 138	Right Twist	2850	20 lbs.	White	16 oz. spool	Tex 135
543030	BPT 138		2850	20 lbs.	White	16 oz. spool	Tex 135
543007	BPT 69		6200	13.3 lbs.	Beaver	16 oz. spool	Tex 70
543004	BPT 69		6200	20 lbs.	Black	16 oz. spool	Tex 70
543005	BPT 69		3000	13.3 lbs.	Sand	8 oz. spool	Tex 70
543003	BPT 69		6000	20 lbs.	White	16 oz. spool	Tex 70
543011	BPT 92		4050	13.3 lbs.	Black	16 oz. spool	Tex 90
543019	BPT 92		2125	13.3 lbs.	Brown	8 oz. spool	Tex 90
543014	BPT 92		2125	13.3 lbs.	Burgundy	8 oz. spool	Tex 90
543015	BPT 92		2125	13.3 lbs.	Forest Green	8 oz. spool	Tex 90
543017	BPT 92		2125	13.3 lbs.	Marine Blue	8 oz. spool	Tex 90
543018	BPT 92		2125	13.3 lbs.	Navy	8 oz. spool	Tex 90
543016	BPT 92		2125	13.3 lbs.	Olive Drab	8 oz. spool	Tex 90
543013	BPT 92		2125	13.3 lbs.	Red	8 oz. spool	Tex 90
543012	BPT 92		2125	13.3 lbs.	Sand	8 oz. spool	Tex 90
543020	BPT 92		2125	13.3 lbs.	Steel Grey	8 oz. spool	Tex 90
543010	BPT 92		4350	13.3 lbs.	White	16 oz. spool	Tex 90

## Thread – A&E Special



542753

A durable, bonded nylon thread from A&E. Great for general-purpose use. Not recommended for outdoor use.

Item Number	Description	Approx. Yards Per Tube	Color	Put Up	Size
542753	Bonded	5923	Black	16 oz. tubes, 40/case	69
542750	Bonded	5923	White	16 oz. tubes, 40/case	69



540206

## Thread – A&E SunStop®

Designed for the outdoor market, SunStop thread is made of 100% continuous filament polyester with enhanced UV and fade protection and a non-wicking finish. Use SunStop for outdoor applications requiring UV protection, such as tents, awnings, and canvas and marine applications.

Item Number	Style Number	Approx. Yards Per Tube	Color	Put Up	Size
540266	66503	1350	Beige	8 oz. spool	T135
540275	66501	1350	Black	8 oz. spool	T135
540277	66501	2700	Black	16 oz. spool	T135
540263	66511	1350	Cadet Grey	8 oz. spool	T135
540273	66518	1350	Captain Navy	8 oz. spool	T135
540268	66506	1350	Forest Green	8 oz. spool	T135
540270	66507	1350	Jockey Red	8 oz. spool	T135
540264	66517	1350	Linen	8 oz. spool	T135
540269	66519	1350	Logo Red	8 oz. spool	T135
540272	66513	1350	Pacific Blue	8 oz. spool	T135
540262	66509	1350	Silver	8 oz. spool	T135
540265	66512	1350	Toast	8 oz. spool	T135
540276	66500	2700	White	16 oz. spool	T135
540260	66500	1350	White	8 oz. spool	T135
540207	66503	2100	Beige	8 oz. spool	T90
540231	66501	4200	Black	16 oz. spool	T90
540216	66501	2100	Black	8 oz. spool	T90
540212	66504	2100	Burgundy	8 oz. spool	T90
540204	66511	2100	Cadet Grey	8 oz. spool	T90
540211	66507	2100	Jockey Red	8 oz. spool	T90
550539	66517	4200	Linen	16 oz. spool	T90
540205	66517	2100	Linen	8 oz. spool	T90
540210	66519	2100	Logo Red	8 oz. spool	T90
550541	66519	4200	Logo Red	16 oz. spool	T90
540202	66502	2100	Natural	8 oz. spool	T90
540215	66508	2100	Navy	8 oz. spool	T90
540213	66513	2100	Pacific Blue	8 oz. spool	T90
540203	66509	2100	Silver	8 oz. spool	T90
540206	66512	2100	Toast	8 oz. spool	T90
540208	66510	2100	True Brown	8 oz. spool	T90
540230	66500	4200	White	16 oz. spool	T90
540201	66500	2100	White	8 oz. spool	T90

SunStop® is a registered trademark of American & Efid Enterprises, Inc.



552201

## Thread – Gore® Tenara® (Original Style)

Gore Tenara Sewing Thread has unique properties. This thread is unaffected by sunlight. UV radiation will not weaken or degrade it. Polyester threads, under daily sunlight exposure will lose as much as half their strength in as little as one year, and be down to 10% of their original strength in 3 years. Tenara maintains its strength and color indefinitely. Gore Tenara Sewing Thread will outlast the fabric that it is sewn into and is warranted to that effect. It is unaffected by canvas cleaning solutions and will not stain, rot or mildew. Dirt just wipes off. Using Gore Tenara Sewing Thread means seams that will last.

Tenara Sewing Thread Original Style is the first generation of Tenara outdoor sewing thread. The Original Style sewing thread is unlubricated, with an elongation (or stretch) of five to seven percent.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic, or medical device manufacturing, processing, or packaging operations.

Item Number	Style Number	Approx. Yards Per Tube	Color	Material	Nominal Breaking Strength	Put Up	Size
552211	M1000-HBK	1775	Black	ePTFE	22 lbs.	1 lb. spools	138
552231	M1000HBK-5	950	Black	ePTFE	22 lbs.	1/2 lb. spools	138
552210	M1000H	1900	White	ePTFE	25 lbs.	1 lb. spools	138
552230	M1000H-5	950	White	ePTFE	25 lbs.	1/2 lb. spools	138
552201	M1000-BK	3825	Black	ePTFE	12 lbs.	1 lb. spools	92
552221	M1000BK-5	1900	Black	ePTFE	12 lbs.	1/2 lb. spools	92
552200	M1000	3825	White	ePTFE	14 lbs.	1 lb. spools	92
552220	M1000-5	1900	White	ePTFE	14 lbs.	1/2 lb. spools	92

Gore® and Tenara® are registered trademarks of W. L. Gore and Associates.



552263

## Thread – Gore® Tenara® (TR Style)

Gore Tenara Sewing Thread TR style builds on the features of the Original Style, but increases the choice of colors, as well as improving the sewability features. TR style comes in highly popular clear, providing a translucent thread that disappears into most fabrics, making color matching headaches go away. The patented TR style sewing thread has an elongation (or stretch) of approximately seventeen percent, making it more robust, which allows faster sewing. The TR style is lubricated with a silicone solution in all but the largest style.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic, or medical device manufacturing, processing, or packaging operations.

Item Number	Style Number	Approx. Yards Per Tube	Color	Material	Nominal Breaking Strength	Put Up	Size
553150	M1000LTR-L-300	328	Clear	ePTFE	7 lbs.	0.7 lb. spools	69
553180	M1000LTR-L-5	4921	Clear	ePTFE	8 lbs.	1.1 lb. spools	69
552290	M1000LTR-L-5	2300	Clear	ePTFE	7 lbs.	1/2 lb. spools	69
553152	M1000TR-BK-300	328	Black	ePTFE	8 lbs.	0.11 lb. spools	92
553182	M1000TR-BK-5	3500	Black	ePTFE	8 lbs.	1.1 lb. spools	92
552275	M1000TR-BK5	1900	Black	ePTFE	8 lbs.	1/2 lb. spools	92
553155	M1000TR-GY-300	328	Charcoal Grey	ePTFE	8 lbs.	0.11 lb. spools	92
553153	M1000TR-CB-300	328	Chesapeake Bay Blue	ePTFE	8 lbs.	0.11 lb. spools	92
552264	M1000TR-CB5	1900	Chesapeake Bay Blue	ePTFE	8 lbs.	1/2 lb. spools	92
553151	M1000KTR-L-300	328	Clear	ePTFE	10 lbs.	0.11 lb. spools	92
553181	M1000KTR-L-5	3500	Clear	ePTFE	8 lbs.	1.1 lb. spools	92
553090	M1000KTR-L5	1900	Clear	ePTFE	10 lbs.	1/2 lb. spools	92
553154	M1000TR-FG-300	328	Forest Green	ePTFE	8 lbs.	0.11 lb. spools	92
552265	M1000TR-FG5	1900	Forest Green	ePTFE	8 lbs.	1/2 lb. spools	92
553156	M1000TR-LG-300	328	Light Grey	ePTFE	8 lbs.	0.11 lb. spools	92
552261	M1000TR-LG5	1900	Light Grey	ePTFE	8 lbs.	1/2 lb. spools	92
553157	M1000TR-NB-300	328	Navy Blue	ePTFE	8 lbs.	0.11 lb. spools	92
552283	M1000TR-NB-5	1900	Navy Blue	ePTFE	8 lbs.	1/2 lb. spools	92

Items continue on next page.



TRIM AND CORD **THREAD AND BOBBINS**

Item Number	Style Number	Approx. Yards Per Tube	Color	Material	Nominal Breaking Strength	Put Up	Size
553158	M1000TR-RD-300	328	Red	ePTFE	8 lbs.	0.11 lb. spools	92
552263	M1000TR-RD5	1900	Red	ePTFE	8 lbs.	1/2 lb. spools	92
553159	M1000TR-TN-300	328	Sandstone (Tan)	ePTFE	8 lbs.	0.11 lb. spools	92
552262	M1000TR-TN5	1900	Sandstone (Tan)	ePTFE	8 lbs.	1/2 lb. spools	92
553160	M1000TR-WH-300	328	White	ePTFE	8 lbs.	0.11 lb. spools	92
553183	M1000TR-WH-5	3500	White	ePTFE	8 lbs.	1.1 lb. spools	92
552274	M1000TR-WH5	1900	White	ePTFE	8 lbs.	1/2 lb. spools	92
553161	M1000TR-YW-300	328	Yellow	ePTFE	8 lbs.	0.11 lb. spools	92

GORE® and TENARA® are registered trademarks of W. L. Gore and Associates.

## Thread – Gore® Tenara® (HTR Style)

Tenara HTR Heavy sewing thread is made of the same material as other Tenara threads, but features a unique 3-ply bonded construction that offers several advantages:

An "improved circular cross-section" that provides a smoother and more uniform appearance.

An increased twist level, which should reduce breaks.

Excellent sewability.

Softer construction.

In addition, because of the new construction the thread is smoother on the tube, which allows for up to 15% more seam length for the same tube price as the previous HTR-style thread. The strength of the thread remains the same. This item is a replacement for Gore Tenara TR Thread #M1000HTR.

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic, or medical device manufacturing, processing, or packaging operations.

Item Number	Style Number	Approx. Yards Per Tube	Color	Material	Nominal Breaking Strength	Put Up	Size
553186	M1003HTR-BK	1967	Black	ePTFE	14 lbs.	1.1 lb. spools	138
553094	M1003-HTR-BK-5	1150	Black	ePTFE	14 lbs.	1/2 lb. spools	138
553163	M1003HTR-BK-300	328	Black	ePTFE	14 lbs.	3 oz. spools	138
553099	M1003-HTR-GY-5	1150	Charcoal Grey	ePTFE	14 lbs.	1/2 lb. spools	138
553166	M1003HTR-GY-300	328	Charcoal Grey	ePTFE	14 lbs.	3 oz. spools	138
553097	M1003-HTR-CB-5	1150	Chesapeake Bay Blue	ePTFE	14 lbs.	1/2 lb. spools	138
553164	M1003HTR-CB-300	328	Chesapeake Bay Blue	ePTFE	14 lbs.	3 oz. spools	138
553184	M1003HTR-L	1967	Clear	ePTFE	14 lbs.	1.1 lb. spools	138
553092	M1003-HTR-L-5	1150	Clear	ePTFE	19 lbs.	1/2 lb. spools	138
553162	M1003HTR-L-300	328	Clear	ePTFE	19 lbs.	3 oz. spools	138
553096	M1003-HTR-FG-5	1150	Forest Green	ePTFE	14 lbs.	1/2 lb. spools	138
553165	M1003HTR-FG-300	328	Forest Green	ePTFE	14 lbs.	3 oz. spools	138
553095	M1003-HTR-LG-5	1150	Light Grey	ePTFE	14 lbs.	1/2 lb. spools	138
553167	M1003HTR-LG-300	328	Light Grey	ePTFE	14 lbs.	3 oz. spools	138
553101	M1003-HTR-NB-5	1150	Navy Blue	ePTFE	14 lbs.	1/2 lb. spools	138
553168	M1003HTR-NB-300	328	Navy Blue	ePTFE	14 lbs.	3 oz. spools	138
553089	M1003-HTR-RD-5	1150	Red	ePTFE	14 lbs.	1/2 lb. spools	138
553169	M1003HTR-RD-300	328	Red	ePTFE	14 lbs.	3 oz. spools	138
553098	M1003-HTR-TN-5	1150	Sandstone	ePTFE	14 lbs.	1/2 lb. spools	138
553170	M1003HTR-TN-300	328	Sandstone	ePTFE	14 lbs.	3 oz. spools	138
553185	M1003HTR-WH	1967	White	ePTFE	14 lbs.	1.1 lb. spools	138
553093	M1003-HTR-WH-5	1150	White	ePTFE	14 lbs.	1/2 lb. spools	138

Item Number	Style Number	Approx. Yards Per Tube	Color	Material	Nominal Breaking Strength	Put Up	Size
553171	M1003HTR-WH-300	328	White	ePTFE	14 lbs.	3 oz. spools	138
553172	M1003HTR-YW-300	328	Yellow	ePTFE	14 lbs.	3 oz. spools	138

GORE® and TENARA® are registered trademarks of W. L. Gore and Associates.

## Thread – Aruvo® PTFE



Made from 100% PTFE, Aruvo thread lasts as long as the fabric. It is a 3-ply, bonded, twisted thread for superior sewability. Features: snap spool base which allows you to wrap the thread around the base and snap it shut so the thread won't come loose; twisted design for better hook pickup; lower elongation; high strength for fewer knots and breaks; great for outdoor conditions; resists UV rays, weather, chemicals, mildew, fading, and rot. Use in upholstery, marine canvas, awnings, and more. Comes with a limited lifetime warranty.

When threading the needle with Aruvo, cut the thread at a 45-degree angle to avoid fraying.

543351

Item Number	Description	Approx. Yards Per Tube	Average Breaking Strength	Color	Put Up	Size
543301		3200	13.3 lbs.	Black	16-oz. spool	1350d (Tex 90)
543321		600	13.3 lbs.	Black	3-oz. spool	1350d (Tex 90)
543351	Right Twist	1600	13.3 lbs.	Black	8-oz. spool	1350d (Tex 90)
543311		1600	13.3 lbs.	Black	8-oz. spool	1350d (Tex 90)
543317		1600	13.3 lbs.	Blue	8-oz. spool	1350d (Tex 90)
543302		3200	13.3 lbs.	Clear	16-oz. spool	1350d (Tex 90)
543322		600	13.3 lbs.	Clear	3-oz. spool	1350d (Tex 90)
543352	Right Twist	1600	13.3 lbs.	Clear	8-oz. spool	1350d (Tex 90)
543312		1600	13.3 lbs.	Clear	8-oz. spool	1350d (Tex 90)
543316		1600	13.3 lbs.	Green	8-oz. spool	1350d (Tex 90)
543314		1600	13.3 lbs.	Orange	8-oz. spool	1350d (Tex 90)
543313		1600	13.3 lbs.	Red	8-oz. spool	1350d (Tex 90)
543318		1600	13.3 lbs.	Violet	8-oz. spool	1350d (Tex 90)
543300		3200	13.3 lbs.	White	16-oz. spool	1350d (Tex 90)
543320		600	13.3 lbs.	White	3-oz. spool	1350d (Tex 90)
543350	Right Twist	1600	13.3 lbs.	White	8-oz. spool	1350d (Tex 90)
543310		1600	13.3 lbs.	White	8-oz. spool	1350d (Tex 90)
543315		1600	13.3 lbs.	Yellow	8-oz. spool	1350d (Tex 90)
543331		2200	13.3 lbs.	Black	16-oz. spool	2000d (Tex 135)
543324		400	13.3 lbs.	Black	3-oz. spool	2000d (Tex 135)
543354	Right Twist	1100	13.3 lbs.	Black	8-oz. spool	2000d (Tex 135)
543341		1100	13.3 lbs.	Black	8-oz. spool	2000d (Tex 135)
543347		1100	13.3 lbs.	Blue	8-oz. spool	2000d (Tex 135)
543332		2200	13.3 lbs.	Clear	16-oz. spool	2000d (Tex 135)
543325		400	13.3 lbs.	Clear	3-oz. spool	2000d (Tex 135)
543355	Right Twist	1100	13.3 lbs.	Clear	8-oz. spool	2000d (Tex 135)
543342		1100	13.3 lbs.	Clear	8-oz. spool	2000d (Tex 135)
543346		1100	13.3 lbs.	Green	8-oz. spool	2000d (Tex 135)
543344		1100	13.3 lbs.	Orange	8-oz. spool	2000d (Tex 135)
543343		1100	13.3 lbs.	Red	8-oz. spool	2000d (Tex 135)
543348		1100	13.3 lbs.	Violet	8-oz. spool	2000d (Tex 135)
543330		2200	13.3 lbs.	White	16-oz. spool	2000d (Tex 135)
543323		400	13.3 lbs.	White	3-oz. spool	2000d (Tex 135)

Items continue on next page.

Item Number	Description	Approx. Yards Per Tube	Average Breaking Strength	Color	Put Up	Size
543340		1100	13.3 lbs.	White	8-oz. spool	2000d (Tex 135)
543353	Right Twist	1100	13.3 lbs.	White	8-oz. spool	2000d (Tex 135)
543345		1100	13.3 lbs.	Yellow	8-oz. spool	2000d (Tex 135)

Aruvo® is a registered trademark of Fil-Tec, Inc.



551652

## Bobbins – Coats Ultra Dee® Polyester

These bobbins are conveniently pre-wound with Coats Ultra Dee thread. Ultra Dee is a corded (twisted) thread made from a durable, continuous filament polyester. 20-33% stronger than standard lubricated sewing threads. Heat set to minimize stretch and shrinkage. Bonded finish prevents ply untwisting and minimizes fraying at the needle eye. This means improved seam quality and less mending and rethreading. Designed for demanding conditions. Uses include leather goods, outdoor goods, seat trims, footwear, luggage, furniture upholstery, and marine applications.

Item Number	Style Number	Approx. Yards Per Bobbin	Color	Put Up	Size
551263	G	17	Black	1 gross/box, 30/carton	138
551202	M	24	Black	1 gross/box, 30/carton	138
551201	U	33	Black	1 gross/box, 30/carton	138
551264	G	17	White	1 gross/box, 30/carton	138
551265	M	24	White	1 gross/box, 30/carton	138
551200	U	33	White	1 gross/box, 30/carton	138
542103	58	37	White	1 gross/box, 30/carton	207
551814	F	29	White	1 gross/box, 30/carton	69
551652	G	25	Beaver	1 gross/box, 30/carton	92
551660	G	25	Black	1 gross/box, 30/carton	92
551763	M	36	Black	1 gross/box, 30/carton	92
551664	G	25	White	1 gross/box, 30/carton	92
551764	M	36	White	1 gross/box, 30/carton	92

Ultra Dee® is a registered trademark of J. & P. Coats, Limited.



551981

## Bobbins – Coats Polymatic® Belbobs® Bonded Monocord Dacron®

Shell-less bobbins.

Item Number	Style Number	Approx. Yards Per Bobbin	Color	Put Up	Size
551963	G	22	Black	80/box	125
551967	M	31	Black	56/box	125
551975	G	22	White	80/box	125
551980	M	31	White	56/box	125
551981	U	42	White	42/box	125
551986	G	27	Black	80/box	FF
552080	M	40	Black	56/box	FF
551985	G	27	White	80/box	FF
551999	M	40	White	56/box	FF

Belbobs® and Polymatic® are registered trademarks of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.

## Bobbins – Coats Dabond® Belbobs®



542580

Coats Dabond is a bonded, twisted continuous filament polyester thread, combining superior sewing performance with excellent UV and abrasion protection. It is specifically designed to provide resistance against harsh weather making it an excellent thread for marine and other outdoor applications.

Item Number	Style Number	Approx. Yards Per Bobbin	Color	Put Up	Size
542580	M	24	Black	1 gross	138
542581	M	24	White	1 gross	138

Dabond® and Belbobs® are registered trademarks of J. & P. Coats, Limited.

## Bobbins – PremoBond Bonded Anti-Wick Polyester



543086

In the performance fabrics industry, even the thread needs to outlast coarse conditions. With anti-wicking and mildew-resistant properties, PremoBond thread is perfect for high-moisture settings. Its exclusive UV dye and bonding process ensure maximum fade prevention and bleed resistance. A pioneer in the sewing thread market, its custom lubricant provides clean running for first-rate sewability. The continuous filament, bonded polyester makes it 30% stronger than leading brands.

PremoBond pre-wound bobbins are outfitted with twisted and plied yarn. Fil-Tec cross-tack technology offers a more uniform appearance for flatter seams, consistent tension to reduce puckering, and greater yield.

PremoBond bobbins deliver a clean, versatile seam to any project where colorfastness is key. The adaptable thread works great in awning and marine fabric applications slings, filtration, tarps, geotextiles, and other industrial purposes. Made in the USA.

Item Number	Approx. Yards Per Bobbin	Average Breaking Strength	Color	Put Up	Size
543055	17	20 lbs.	Black	72/box	Tex 135/G
543088	17	20 lbs.	Brown	72/box	Tex 135/G
543084	17	20 lbs.	Forest Green	72/box	Tex 135/G
543086	17	20 lbs.	Marine Blue	72/box	Tex 135/G
543085	17	20 lbs.	Olive Drab	72/box	Tex 135/G
543080	17	20 lbs.	Sand	72/box	Tex 135/G
543081	17	20 lbs.	Steel Grey	72/box	Tex 135/G
543054	17	20 lbs.	White	72/box	Tex 135/G
543057	26	20 lbs.	Black	72/box	Tex 135/M
543094	26	20 lbs.	Forest Green	72/box	Tex 135/M
543093	26	20 lbs.	Red	72/box	Tex 135/M
543090	26	20 lbs.	Sand	72/box	Tex 135/M
543091	26	20 lbs.	Steel Grey	72/box	Tex 135/M
543056	26	20 lbs.	White	72/box	Tex 135/M
543102	26	20 lbs.	Black	72/box	Tex 135/U
543101	26	20 lbs.	White	72/box	Tex 135/U
543058	36	13.3 lbs.	Beaver	72/box	Tex 70/G
543048	51	13.3 lbs.	Black	72/box	Tex 70/M
543047	56	13.3 lbs.	White	72/box	Tex 70/M
543051	27	13.3 lbs.	Black	72/box	Tex 90/G
543065	27	13.3 lbs.	Olive Drab	72/box	Tex 90/G
543060	27	13.3 lbs.	Sand	72/box	Tex 90/G
543061	27	13.3 lbs.	Steel Grey	72/box	Tex 90/G
543050	27	13.3 lbs.	White	72/box	Tex 90/G
543053	38	13.3 lbs.	Black	72/box	Tex 90/M
543078	38	13.3 lbs.	Brown	72/box	Tex 90/M
543072	38	13.3 lbs.	Burgundy	72/box	Tex 90/M

Items continue on next page.

Item Number	Approx. Yards Per Bobbin	Average Breaking Strength	Color	Put Up	Size
543074	38	13.3 lbs.	Forest Green	72/box	Tex 90/M
543076	38	13.3 lbs.	Marine Blue	72/box	Tex 90/M
543075	38	13.3 lbs.	Olive Drab	72/box	Tex 90/M
543073	38	13.3 lbs.	Red	72/box	Tex 90/M
543070	38	13.3 lbs.	Sand	72/box	Tex 90/M
543071	38	13.3 lbs.	Steel Grey	72/box	Tex 90/M
543052	38	13.3 lbs.	White	72/box	Tex 90/M
543104	50	13.3 lbs.	Black	72/box	Tex 90/U
543103	50	13.3 lbs.	White	72/box	Tex 90/U

## Bobbins – A&E Poly Nu Bond™ Polyester

Ready-wound bobbins provide more thread per bobbin. The finish applied to the thread assures controlled delivery of the thread from the bobbin and contributes to a balanced stitch formation.



550252

Item Number	Style Number	Color	Put Up	Size
550353	M	Black	1 gross/box, 30/carton	138
550351	M	White	1 gross/box, 30/carton	138
550252	M	Black	1 gross/box, 30/carton	92
550250	M	White	1 gross/box, 30/carton	92

Poly Nu Bond™ is a trademark of American & Efid Enterprises, Inc.

## Bobbins – A&E SunStop®

Designed for the outdoor market, SunStop thread is made of 100% continuous filament polyester with enhanced UV and fade protection and a non-wicking finish. Use SunStop for outdoor applications requiring UV protection, such as tents, awnings, and canvas and marine applications.



550501

Item Number	Style Number	Approx. Yards Per Bobbin	Color	Put Up	Size
550548	G	27	Black	1 gross	T135
550509	M	27	Black	1 gross	T135
550512	M	27	Cadet Grey	1 gross	T135
550510	M	27	Natural	1 gross	T135
550501	M	43	Beige	1 gross	T90
550502	M	43	Sol-Jet Black	1 gross	T90
550500	M	43	White	1 gross	T90

SunStop® is a registered trademark of American & Efid Enterprises, Inc.



565111

## Polyfab™ Shade Sail Edge Webbing

Polyfab Shade Sail Edge Webbing is used for shade structures and shade sails. Matches Polytex®+, Comtex®+ and Architec 400® extra heavy duty knitted shade cloth.

Some items are drop ship only.

Item Number	Average Breaking Strength	Color	Color Number	Put Up	Width
565135	4400 lbf.	Antec Orange	22	109 yd.	2 in.
565129	4400 lbf.	Beige	72	109 yd.	2 in.
565121	4400 lbf.	Black	99	109 yd.	2 in.
565103	4400 lbf.	Blue	50	109 yd.	2 in.
565109	4400 lbf.	Bronze	81	109 yd.	2 in.
565131	4400 lbf.	Cafe Noir	35	109 yd.	2 in.
565113	4400 lbf.	Charcoal	92	109 yd.	2 in.
565123	4400 lbf.	Claret	32	109 yd.	2 in.
565141	4400 lbf.	Fluro Green	67	109 yd.	2 in.
565118	4400 lbf.	Golden Yellow	11	109 yd.	2 in.
565101	4400 lbf.	Midnight Green	62	109 yd.	2 in.
565105	4400 lbf.	Navy Blue	51	109 yd.	2 in.
565115	4400 lbf.	Porcelain	71	109 yd.	2 in.
565139	4400 lbf.	Purple	58	109 yd.	2 in.
565127	4400 lbf.	Red	30	109 yd.	2 in.
565111	4400 lbf.	Sage	19	109 yd.	2 in.
565107	4400 lbf.	Sandstone	73	109 yd.	2 in.
565125	4400 lbf.	Silver Gray	91	109 yd.	2 in.
565119	4400 lbf.	Turquoise	10	109 yd.	2 in.
565133	4400 lbf.	White	01	109 yd.	2 in.
565117	4400 lbf.	Yellow	10	109 yd.	2 in.

Polyfab™ is a trademark of Polyfab USA. Polytex®+, Comtex®+ and Architec 400® are registered trademarks of Polyfab USA.



577503

## Sunbrella® Webbing

Sunbrella webbing made of 78% Sunbrella® Acrylic and 22% high-tenacity polyester. A strong, weather-resistant webbing. Retains more tensile strength than other types of webbing after exposure to sunlight. Compatible with Sunbrella fabric colors.

Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
577502	70-1654	1000 lbs.	Black	25 yd.	1 in.
577503	70-1654	1000 lbs.	Grey	25 yd.	1 in.
577501	70-1654	1000 lbs.	Natural	25 yd.	1 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



## Tape – No. 281 Nylon



502008

A quality nylon tape for binding nylons and most other fabrics. Makes a neat, attractive finish.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
502025	281/N0088	437 lbs.	Black	100 yd.	1 in.
502017	281/5038	350 lbs.	Black	100 yd.	1 in.
502024	281/N0088	376 lbs.	Black	100 yd.	3/4 in.
502008	281/30119	553 lbs.	Black	100 yd.	3/4 in.
502019	281/N0088	608 lbs.	White	100 yd.	1 in.
502007	281/N0088	553 lbs.	White	100 yd.	3/4 in.



575013

## Webbing – Nylon

Strong, dependable nylon webbing. Ideal for use with synthetic fabrics. Sold in full rolls only.

Item Number	Style Number	Description	Average Breaking Strength	Color	Put Up	Width
575229	495		1200 lbs.	Black	100 yd.	1 in.
574905	N0015CD		1700 lbs.	Black	100 yd.	1 in.
575260	N0023S		1269 lbs.	Black	100 yd.	1 in.
574908	N0015S		2000 lbs.	Black	100 yd.	1-1/2 in.
575246	17337		5500 lbs.	Black	100 yd.	2 in.
575245	17337		5500 lbs.	Black	100 yd.	1 in.
574957	N0030		2200 lbs.	Black	100 yd.	1 in.
575113	NN075		3576 lbs.	Black	100 yd.	2 in.
575075	N0085		7600 lbs.	Black	50 yd.	2 in.
576110	N0006		6100 lbs.	Black	50 yd.	1 in.
575241	N0025		3800 lbs.	Black	50 yd.	1 in.
575011	N0019		3297 lbs.	Black	50 yd.	3/4 in.
574912	N0015		2600 lbs.	Black	50 yd.	2 in.
575249	N0025		7500 lbs.	Black	50 yd.	2 in.
575076	N0072		10000 lbs.	Black	50 yd.	1-3/4 in.
575073	N0095		4500 lbs.	Black	50 yd.	1 in.
575109	N0019		4200 lbs.	Black	50 yd.	1 in.
575030	N0019		6200 lbs.	Black	50 yd.	1-1/2 in.
574967	N0015S		1200 lbs.	Black	50 yd.	3/4 in.
575243	N0025		4800 lbs.	Black	50 yd.	1-1/2 in.
575111	N0028	Tubular	4200 lbs.	Black	50 yd.	1 in.
575018	N0019		4200 lbs.	Brown	50 yd.	1 in.
574936	N0019		4200 lbs.	Brown	50 yd.	1 in.
575244	495		5500 lbs.	Natural	50 yd.	1 in.
575014	N0019		4200 lbs.	Navy	50 yd.	1 in.
575013	N0019		4200 lbs.	Red	50 yd.	1 in.
575012	N0019		4200 lbs.	Silver	50 yd.	1 in.
574906	N0015CD		1700 lbs.	White	100 yd.	1 in.
575240	N0025		3800 lbs.	White	50 yd.	1 in.
575010	N0019		3297 lbs.	White	50 yd.	3/4 in.
575017	N0019		4200 lbs.	White	50 yd.	1 in.
575072	N0095		4500 lbs.	White	50 yd.	1 in.

Item Number	Style Number	Description	Average Breaking Strength	Color	Put Up	Width
575259	N0023		1528 lbs.	White	50 yd.	1 in.
575079	N0087		7100 lbs.	White	55 yd.	2 in.
575247	665NHSW	Heat Set	3000 lbs.	White	50 yd.	2 in.



576634

## Webbing – Dacron®

Resistant to mildew, ultraviolet rays and shrinkage. Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
576634	S0009	1500 lbs.	White	50 yd.	2 in.

Dacron® is a registered trademark of INVISTA.



575299

## Webbing – Polyester

Resistant to mildew, ultraviolet rays and shrinkage. Excellent for reinforcing swimming pool covers – both screen or solid vinyl types.

Sold in full rolls only.

Item Number	Style Number	Description	Average Breaking Strength	Color	Put Up	Width
575299	R7624		6775 lbs.	Black	100 yd.	2 in.
575327	U0017		4800 lbs.	Black	50 yd.	1 in.
575231	T-1200		6000 lbs.	Multi-Shade Black	200 yd.	2 in.
575332	U0017		4800 lbs.	Natural (White)	50 yd.	1 in.
575335	929P-2		6000 lbs.	Natural	100 yd.	2 in.
575302	2070/S0009	Spun	850 lbs.	White	50 yd.	1 in.



576606

## Webbing – Polypropylene

A general-purpose webbing with many applications. Not recommended for outdoor use. Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
576036	549	450 lbs.	Black	100 yd.	1 in.
576501	7166/P0001	600 lbs.	Black	100 yd.	1 in.
576460	7166/P0001	313 lbs.	Black	100 yd.	1/2 in.
576597	7166/P0001	1600 lbs.	Black	100 yd.	2 in.
576639	7166/P0001	1700 lbs.	Black	100 yd.	3 in.
576503	7166/P0001	570 lbs.	Black	100 yd.	3/4 in.
576558	7166/PP001	950 lbs.	Black	100 yd.	1-1/2 in.
576021	PP037	450 lbs.	Black	100 yd.	1 in.
576553	7166/P0001	950 lbs.	Blue	100 yd.	1-1/2 in.
576598	7166/P0001	1600 lbs.	Blue	100 yd.	2 in.
576543	7166/P0001	600 lbs.	Brown	100 yd.	1 in.
576470	7166/P0001	600 lbs.	Dark Beige	100 yd.	1 in.
576662	7166/P0001	1600 lbs.	Dark Beige	100 yd.	2 in.
576490	7166/P0001	600 lbs.	Forest Green	100 yd.	1 in.

Items continue on next page.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
576529	7166/P0001	600 lbs.	Gray	100 yd.	1 in.
576606	7166/P0001	1600 lbs.	Green	100 yd.	2 in.
576537	7166/P0001	600 lbs.	Light Gold	100 yd.	1 in.
576601	7166/P0001	1600 lbs.	Light Navy	100 yd.	2 in.
576031	7166/P0001	600 lbs.	Navy	100 yd.	1 in.
576533	7166/P0001	600 lbs.	Orange	100 yd.	1 in.
576613	7166/P0001	1600 lbs.	Orange	100 yd.	2 in.
576541	7166/P0001	600 lbs.	Red	100 yd.	1 in.
576551	7166/P0001	950 lbs.	Red	100 yd.	1-1/2 in.
576599	7166/P0001	1600 lbs.	Red	100 yd.	2 in.
576538	7166/P0001	600 lbs.	Silver	100 yd.	1 in.
576604	7166/P0001	1600 lbs.	Silver	100 yd.	2 in.
576474	7166/P0001	600 lbs.	Tan	100 yd.	1 in.
576492	7166/P0001	600 lbs.	Victoria Blue	100 yd.	1 in.
576500	7166/P0001	600 lbs.	White	100 yd.	1 in.
576557	7166/P0001	950 lbs.	White	100 yd.	1-1/2 in.
576596	7166/P0001	1600 lbs.	White	100 yd.	2 in.
576638	7166/P0001	1700 lbs.	White	100 yd.	3 in.
576450	7166/P0001	570 lbs.	White	100 yd.	3/4 in.
576020	PP037	450 lbs.	White	100 yd.	1 in.
576542	7166/P0001	600 lbs.	Yellow	100 yd.	1 in.
576605	7166/P0001	1600 lbs.	Yellow	100 yd.	2 in.



576564

## Webbing – Polypropylene Style No. 7390

A general-purpose webbing with many applications. Not recommended for outdoor use. Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
576561	7390/P0002	900 lbs.	Black	100 yd.	1 in.
576582	7390/P0002	1400 lbs.	Black	100 yd.	1-1/2 in.
576595	7390/P0002	1600 lbs.	Black	100 yd.	2 in.
576617	7390/P0002	2500 lbs.	Black	100 yd.	3 in.
576670	7390/P0002	719 lbs.	Black	100 yd.	3/4 in.
576564	7390/P0002	900 lbs.	Blue	100 yd.	1 in.
576688	7390/P0002	1400 lbs.	Dark Beige	100 yd.	1-1/2 in.
576620	7390/P0002	1600 lbs.	Gray	100 yd.	1 in.
576702	7390/P0002	1400 lbs.	Gray	100 yd.	1-1/2 in.
576565	7390/P0002	900 lbs.	Green	100 yd.	1 in.
576566	7390/P0002	900 lbs.	Red	100 yd.	1 in.
576695	7390/P0002	1400 lbs.	Red	100 yd.	1-1/2 in.
576623	7390/P0002	1600 lbs.	Tan	100 yd.	1 in.
576560	7390/P0002	900 lbs.	White	100 yd.	1 in.
576586	7390/P0002	1400 lbs.	White	100 yd.	1-1/2 in.
576594	7390/P0002	1600 lbs.	White	100 yd.	2 in.
576618	7390/P0002	2500 lbs.	White	100 yd.	3 in.
576567	7390/P0002	900 lbs.	Yellow	100 yd.	1 in.



573113

## Webbing – Cotton – Indo-Carbon Black – Class 3

This untreated cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. Sold in full rolls only.

Item Number	Description	Average Breaking Strength	Minimum Breaking Strength	Put Up	Width
573113	Type I	175 lbs.	140 lbs.	100 yd.	5/8 in.



572115

## Webbing – Cotton – Natural – Class 1

This untreated cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. Sold in full rolls only.

Item Number	Description	Average Breaking Strength	Minimum Breaking Strength	Put Up	Width
572113	Type I	141 lbs.	70 lbs.	100 yd.	1/2 in.
572115	Type I	175 lbs.	85 lbs.	100 yd.	5/8 in.
572116	Type I	100 lbs. minimum	100 lbs.	100 yd.	3/4 in.
572120	Type I	130 lbs. minimum	130 lbs.	100 yd.	1 in.
572123	Type I	340 lbs.	190 lbs.	100 yd.	1-1/2 in.
572216	Type II A	230 lbs. minimum	230 lbs.	60 yd.	3/4 in.
572220	Type II A	300 lbs. minimum	300 lbs.	60 yd.	1 in.
572223	Type II A	440 lbs. minimum	440 lbs.	60 yd.	1-1/2 in.
572320	Type III	647 lbs.	550 lbs.	60 yd.	1 in.
572323	Type III	860 lbs. minimum	860 lbs.	60 yd.	1-1/2 in.
572330	Type III	1100 lbs. minimum	1100 lbs.	60 yd.	2 in.



573120

## Webbing – Vat-Dyed Olive Drab – Shade 7 Untreated – Class 3

This cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. Sold in full rolls only.

Item Number	Description	Average Breaking Strength	Minimum Breaking Strength	Put Up	Width
573120	Type I	130 lbs. minimum	130 lbs.	100 yd.	1 in.



574601

## Strapping – Furniture

Heavy cotton strapping woven for long wear and durability. Five added stitches across the width assure maximum strength. Double blue line down center for identification. A soft finish strapping designed especially for use in appliance and furniture moving industry. Won't mar polished surfaces. Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
574601	W0068	1200 lbs.	Natural	50 yd.	2 in.



572112

## Tape – Unbleached Cotton

An ideal low-cost tape for apron binding, tie tapes and finishing raw edges of other canvas specialties. Sold in full rolls only.

Item Number	Style Number	Average Breaking Strength	Color	Put Up	Width
572112	B0078	193 lbs.	Natural	100 yd.	1 in.



506197

## Braid – Nylon/Polyester Elastic

Sold in full rolls only.

Item Number	Style Number	Color	Material	Put Up	Width
506172	S-2500	White	Nylon	36 yd.	3/4 in.
506197	1050	Black	Polyester	144 yd.	1 in.



580999

## TEXACRO® – Hook And Loop Tape – Standard Back

The TEXACRO state-of-the-art engineering produces this heavy-duty hook and loop tape. The napped loop is designed for use with the "aggressive" TEXACRO hook for excellent latching performance, peeling, and strength.

Available in full rolls only.

Suggested uses: indoor functions, marine fastening, cushion placement, apparel, recreational gear, tying, wrapping and bundling, straps, other industrial uses.

Item Number	Description	Color	Put Up	Width
580089	Loop #71	Black	50 yd.	4 in.
580902	Hook #91	Black	50 yd.	1 in.
580903	Hook #91	Black	50 yd.	2 in.
580904	Hook #91	Black	50 yd.	4 in.
580905	Loop #93	Black	50 yd.	1 in.
580906	Hook #91	White	50 yd.	1 in.
580907	Loop #93	White	50 yd.	1 in.
580998	Hook #91	Black	50 yd.	1-1/2 in.
580999	Loop #93	Black	50 yd.	1-1/2 in.
581001	Loop #93	White	50 yd.	1-1/2 in.
581002	Loop #93	Black	50 yd.	2 in.
581003	Hook #91	White	50 yd.	2 in.
581004	Loop #93	White	50 yd.	2 in.

TEXACRO® is a registered trademark of Velcro Industries B.V.

## TEXACRO® – Hook And Loop Tape – Adhesive Back

TEXACRO hook and loop tape is a cutting-edge, heavy-duty fastener system. The napped loop is designed to be used with the industrial TEXACRO hook for great latching performance, peeling, and strength. The adhesive back allows for easy mounting.

Available in full rolls only.

Suggested uses: indoor functions, marine fastening, cushion placement, apparel, mounting and adhering to walls and other surfaces, other industrial uses.

Item Number	Description	Backing	Color	Put Up	Width
580873	Hook #91	Rubber Adhesive	Black	25 yd.	5/8 in.
580879	Loop #93	Rubber Adhesive	White	25 yd.	1 in.
580880	Hook #91	Rubber Adhesive	White	25 yd.	1 in.
580881	Hook #91	Rubber Adhesive	Black	25 yd.	1 in.
580882	Loop #93	Rubber Adhesive	Black	25 yd.	1 in.
580885	Hook #91	Rubber Adhesive	Black	25 yd.	1-1/2 in.
580886	Loop #93	Rubber Adhesive	Black	25 yd.	1-1/2 in.
580887	Loop #93	Rubber Adhesive	Black	25 yd.	2 in.
580888	Hook #91	Rubber Adhesive	Black	25 yd.	2 in.
580889	Loop #93	Rubber Adhesive	White	25 yd.	2 in.
580890	Hook #91	Rubber Adhesive	White	25 yd.	2 in.

TEXACRO® is a registered trademark of Velcro Industries B.V.

## VELCRO® Brand Hook And Loop Fasteners – Standard Back Nylon Tape

This nylon tape fastener consists of two mating strips. The Hook (male) section is covered with stiff, small hooks. The Loop (female) section is covered with tiny, soft loops. When pressed together, the hooks and loops engage, creating an adjustable, versatile, and secure closure.

Sold in full rolls only.

Suggested uses: indoor functions, marine fastening, cushion placement, clothing, recreational gear, tying, wrapping and bundling, straps, other industrial uses.

Item Number	Description	Color	Put Up	Width
580153	Loop #1000	Beige	50 yd.	1 in.
580154	Hook #88	Beige	50 yd.	1 in.
580200	Hook #88	Black	50 yd.	5/8 in.
580201	Hook #88	White	50 yd.	5/8 in.
580210	Hook #88	Black	50 yd.	3/4 in.
580215	Hook #88	Beige	50 yd.	3/4 in.
580216	Loop #1000	Beige	50 yd.	3/4 in.
580220	Hook #88	White	50 yd.	3/4 in.
580250	Hook #88	Black	50 yd.	1 in.
580251	Hook #88	White	50 yd.	1 in.
580256	Hook #88	White	50 yd.	1-1/2 in.
580257	Hook #88	Black	50 yd.	1-1/2 in.
580275	Hook #88	Black	50 yd.	2 in.
580276	Hook #88	White	50 yd.	2 in.
580279	Hook #88	Beige	50 yd.	2 in.
580287	Hook #88	White	25 yd.	4 in.
580288	Hook #88	Black	25 yd.	4 in.
580300	Loop #1000	Black	50 yd.	5/8 in.
580301	Loop #1000	White	50 yd.	5/8 in.

Items continue on next page.



Item Number	Description	Color	Put Up	Width
580310	Loop #1000	Black	50 yd.	3/4 in.
580315	Hook #88	Battleship Grey	25 yd.	2 in.
580316	Loop #1000	Battleship Grey	25 yd.	2 in.
580320	Loop #1000	White	50 yd.	3/4 in.
580329	Hook #88	Black	25 yd.	3 in.
580346	Loop #1000	White	50 yd.	1-1/2 in.
580350	Loop #1000	Black	50 yd.	1 in.
580351	Loop #1000	White	50 yd.	1 in.
580356	Loop #1000	Black	50 yd.	1-1/2 in.
580375	Loop #1000	Black	50 yd.	2 in.
580376	Loop #1000	White	50 yd.	2 in.
580379	Loop #1000	Beige	50 yd.	2 in.
580387	Loop #1000	White	25 yd.	4 in.
580388	Loop #1000	Black	25 yd.	4 in.
580461	Loop #1000	Black	25 yd.	3 in.

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## VELCRO® Brand Hook And Loop Fasteners – Standard Back Polyester Tape

This polyester tape fastener consists of two mating strips. The Hook (male) section features small, stiff hooks. The Loop (female) section features small, soft loops. When brought together, the hooks and loops engage, making a versatile, adjustable, and secure closure.

Sold in full rolls only.

Suggested uses: indoor/outdoor functions, marine fastening, cushion placement, clothing, recreational gear, tying, wrapping and bundling, straps, other industrial uses.

Item Number	Description	Color	Put Up	Width
580113	Hook #81	Black	25 yd.	1-1/2 in.
580114	Loop #9000	Black	25 yd.	1-1/2 in.
580255	Hook #81	White	25 yd.	1 in.
580265	Hook #81	Black	25 yd.	2 in.
580278	Hook #81	White	25 yd.	2 in.
580355	Loop #009	White	25 yd.	1 in.
580378	Loop #009	White	25 yd.	2 in.
580700	Hook #81	Black	25 yd.	1 in.
580701	Loop #009	Black	25 yd.	1 in.
580702	Loop #009	Black	25 yd.	2 in.
580705	Hook #81	White	25 yd.	1-1/2 in.
580706	Loop #009	White	25 yd.	1-1/2 in.

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## VELCRO® Brand Hook And Loop Fasteners – Adhesive Back Nylon Tape

This nylon tape fastener features two mating strips and an adhesive backing. The Hook (male) section has stiff hooks while the Loop (female) section has soft loops. When pressed together, the hooks and loops create an easy, adjustable, and secure closure. The adhesive backing supplies a strong hold to various surfaces.

Sold in full rolls only.

Suggested uses: indoor functions, marine fastening, cushion placement, clothing, mounting and adhering to walls and other surfaces, other industrial uses.

Item Number	Description	Backing	Color	Put Up	Width
580193	Loop #1000	Acrylic Adhesive	Black	25 yd.	1/2 in.
580198	Loop #1000	Acrylic Adhesive	Black	25 yd.	5/8 in.
580209	Hook #88	Acrylic Adhesive	Black	25 yd.	3/4 in.
580258	Hook #88	Acrylic Adhesive	White	25 yd.	1-1/2 in.
580259	Hook #88	Acrylic Adhesive	Black	25 yd.	1-1/2 in.
580260	Hook #88	Acrylic Adhesive	Black	25 yd.	1 in.
580261	Hook #88	Acrylic Adhesive	White	25 yd.	1 in.
580282	Hook #88	Acrylic Adhesive	White	25 yd.	2 in.
580285	Hook #88	Acrylic Adhesive	Black	25 yd.	2 in.
580309	Loop #1000	Acrylic Adhesive	Black	25 yd.	3/4 in.
580358	Loop #1000	Acrylic Adhesive	White	25 yd.	1-1/2 in.
580359	Loop #1000	Acrylic Adhesive	Black	25 yd.	1-1/2 in.
580360	Loop #1000	Acrylic Adhesive	Black	25 yd.	1 in.
580361	Loop #1000	Acrylic Adhesive	White	25 yd.	1 in.
580382	Loop #1000	Acrylic Adhesive	White	25 yd.	2 in.
580385	Loop #1000	Acrylic Adhesive	Black	25 yd.	2 in.

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## VELCRO® Brand Hook And Loop Fasteners – Adhesive Back Polyester Tape

This polyester tape fastener consists of two mating strips and an adhesive backing. The Hook (male) strip features stiff hooks while the Loop (female) strip features soft loops. When brought together, the hooks and loops make a quick, easy, and secure closure. The adhesive backing provides a strong hold to numerous surfaces.

Sold in full rolls only.

Suggested uses: indoor/outdoor functions, marine fastening, cushion placement, clothing, mounting and adhering to walls and other surfaces, other industrial uses.

Item Number	Description	Backing	Color	Put Up	Width
580238	Hook #81	Acrylic Adhesive	Black	25 yd.	1 in.
580380	Loop #009	Acrylic Adhesive	White	25 yd.	2 in.
580524	Loop #009	Acrylic Adhesive	White	25 yd.	1 in.
580525	Hook #81	Acrylic Adhesive	White	25 yd.	1 in.
580526	Loop #009	Acrylic Adhesive	Black	25 yd.	1 in.
580527	Hook #81	Acrylic Adhesive	Black	25 yd.	2 in.
580528	Loop #009	Acrylic Adhesive	Black	25 yd.	2 in.
580529	Hook #81	Acrylic Adhesive	White	25 yd.	2 in.

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580408

## VELCRO® Brand ONE-WRAP® Fasteners

ONE-WRAP is a self-gripping fastener with hooks on one side and loops on the other. The two sides attach easily for solid strength and performance. ONE-WRAP offers an ultra-thin solution for many fastening needs. It does not require buckles, snaps, rings, or other fastening devices. Available in full rolls only.

Suggested uses: bundling, wrapping.

Item Number	Style Number	Color	Put Up	Width
580403	189590	Black	25 yd.	1 in.
580407	189661	Black	25 yd.	2 in.
580408	189645	Black	25 yd.	3/4 in.
580414	189699	White	25 yd.	2 in.
580437	179917	White	25 yd.	4 in.

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580247

## VELCRO® Brand VELSTICK® Semi-Rigid Fasteners

VELSTICK is a semi-rigid, high-impact extrusion with VELCRO Brand hook and loop fastener tape permanently attached. VELSTICK semi-rigid fasteners were designed and developed to attach to rigid surfaces. The nylon hook and loop tape creates an adjustable, versatile, and secure closure.

Install with staples, tacks, rivets, or screws to provide a permanent fixture. VELSTICK strips can be cut with scissors, drilled, or punched. Sold in pieces of 4 feet only.

Suggested uses: tents, camping trailers and marine applications.

Item Number	Description	Color	Material	Put Up	Width
580112	Hook	Black	Polyester	4 ft.	1 in.
580247	Hook #88	Black	Nylon	4 ft.	1-3/4 in.
580254	Hook #81	White	Polyester	4 ft.	1 in.
580354	Loop #9000 Unnapped	White	Polyester	4 ft.	1 in.
580450	Hook #88	Black	Nylon	4 ft.	1 in.

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500431

## Super Seamstick/Hi-Tack Adhesive Tape

Super Seamstick/HiTack is a double-faced, acrylic-based adhesive tape that is ideal for applications where resistance to UV light and excellent performance during temperature extremes are required. Used for bonding and laminating to a wide variety of cloths, vinyls, and rigid and flexible plastics. It's also excellent for seaming Sunbrella® before stitching, and can also be used on stainless steel tubing for patterning with Canvex® pattern cloth. Leaves little or no residue on surfaces when removed.

Item Number	Style Number	Put Up	Width
500422	1 HI-TACK	60 yd.	1 in.
500432	2263	60 yd.	1/2 in.
500430	2263	60 yd.	1/4 in.
500428	2 HI-TACK	60 yd.	2 in.
500431	2263	60 yd.	3/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc. Canvex® is a registered trademark of Raven Industries.



500490

## Tape – Vinyl Adhesive Welding

Many products not heat sealable to themselves can now be heat sealed using this tape.

Item Number	Style Number	Description	Put Up	Width
500490	4220	0.005 Adhesive	200 yd., 17/box	5/8 in.



500433

## Tape – Curtain Strapping

This strapping is used for seam reinforcement or for retention straps for holding rolled up curtains in place. Sold in full rolls only.

Item Number	Color	Put Up	Width
500443	Clear	30 yd.	1-1/2 in.



500467

## Tape – Double-Faced

A double-faced adhesive tape used in tacking down layers of fabric prior to sewing a seam.

### Rubber Double-Faced Tape

High tack tape used when a higher initial tack is required

Can turn slightly yellow

Can be used with acrylic fabrics

### Acrylic Double-Faced Tape

Good initial tack

Non-yellowing

High long term adhesion

Very good for all purposes including general sail seaming

Item Number	Style Number	Material	Put Up	Width
500467	J-351	Rubber	72 yd.	1/4 in.
500469	J-353	Rubber	72 yd.	1/2 in.
500470	J-451	Acrylic	72 yd.	1/4 in.
500471	J-452	Acrylic	72 yd.	3/8 in.
500472	J-453	Acrylic	72 yd.	1/2 in.
500473	J-455	Acrylic	72 yd.	3/4 in.
500476	J-456	Acrylic	72 yd.	1 in.



500403

## Tape – Double-Faced Adhesive

Typical applications for this double-faced acrylic foam pressure sensitive tape include body side moldings, rocker trims, and other automotive trim components. The tape is a companion to Costa Track® and is placed in the recess on the bottom of the track for temporary tacking prior to being permanently mounted.

Item Number	Style Number	Color	Put Up	Width
500403	5931N	White	36 yd., 12/box	1/2 in.

Costa Track® is a registered trademark of Costa Marine Canvas and Enclosures, LLC



500435

## Tape – Double-Faced Transfer

This clear acrylic tape is used to hold the cut edge of two fabrics together prior to sewing a seam. Eliminates slippage so the seam can be sewn straight.

Item Number	Put Up	Width
500435	72 yd.	1/4 in.
500436	72 yd.	1/2 in.
500437	72 yd.	3/4 in.



500466

## Tape – No. 463 Seam

To minimize seam leakage on sewn seams of awning fabrics. The 3/4 inch wide tape is for double needle machines. The No. 463 Seam Tape is ideal for use on vinyl laminates such as Weblon®.

The adhesive transfer tape is on a paper backing. The tape should be applied on the edge of the one piece of material to be sewn. The paper backing is then peeled off, leaving the transfer tape on the material. The other piece of material to be sewn is applied on top of the adhesive transfer tape and pressed together. Then the two pieces are ready to be sewn. As the material is being sewn, the up and down movement of the needle pulls the adhesive transfer tape into the needle holes to seal them and thus minimize seam leakage.

Item Number	Style Number	Put Up	Width
500465	463	60 yd., 76/box	5/8 in.
500466	463	60 yd., 48/box	3/4 in.

Weblon® is a registered trademark of Herculite Products Inc.



500427

## Tape – Reinforcing

This non-adhesive reinforcing tape is ideal for supporting tops, dodgers, enclosures, and boat covers, but is also applicable for awnings and canopies. Made from clear laminate and polyester scrim, the filament tape is stable and weather-resistant. The reinforced strapping tape is widely used by fabricators and those in the marine industry. Its extra strength, marine-grade features make it one of the more versatile reinforcing tapes on the market. It provides high clarity, a low profile, and excellent tensile strength.

Sold in full rolls only.

Item Number	Color	Put Up	Width
500427	Clear	65 yd.	2 in.



500591

## Tape – Fabric Bond Welding

This Fabric Bond Tape uses the best in bonding technology to create clean seams. It supports the three principles of welding success: heat, speed, and pressure. The polyurethane-based welding tape is used to heat seal seams with RF (Radio Frequency) bar, Hot Wedge, or Hot Air welding equipment.

Fabric bond tape is designed for use with vinyl, polyester, and acrylic fabrics like Sunbrella®. It creates smooth, watertight seams and eliminates the need for thread matching. Use the white heat seal tape for industrial awning or marine projects.

Item Number	Color	Put Up	Width
500591	White	100-yard roll, 12 rolls per box	7/8 in.
500593	Black	100-yard roll, 12 rolls per box	7/8 in.
500595	White	100-yard roll, 12 rolls per box	5/8 in.
500597	White	100-yard roll, 12 rolls per box	7/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

## Tape – Fabric Bond Welding – FIRESIST®

Fabric Bond Welding Tape for FIRESIST fabrics has a slightly lower melting point than the standard bonding tape. This will allow the user to seal more difficult fabrics.

Item Number	Color	Put Up	Width
500592	White	100-yard roll, 12 rolls per box	7/8 in.
500594	Black	100-yard roll, 12 rolls per box	7/8 in.
500596	White	100-yard roll, 12 rolls per box	5/8 in.
500598	White	100-yard roll, 12 rolls per box	3/8 in.

FIRESIST® is a registered trademark of Glen Raven, Inc.





507150

## Cord – Corsair Diamond Braid Polyester

The Corsair Polyester Cord features a durable cord with good strength, excellent UV and abrasion resistance, and low elongation.

Item Number	Approx. Tensile Strength	Cord Size	Put Up	Size Number
507150	360 lbs.	7/64 in.	1000 ft.	3-1/2



507121

## Cord – Cotton Lacing

A braided cotton lacing cord with a high-strength, low-stretch core of filament polyester for superior strength. Can be used for awning line, lacing, drawstrings and hem lines.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
507120	300 lbs.	White	7/64 in.	1500 ft.	3-1/2
507121	350 lbs.	White	1/8 in.	1500 ft.	4



515118

## Cord – Crown Cotton

A heavy-duty, diamond-braided, cotton-blend cord with a strong synthetic fiber core.

Item Number	Color	Cord Size	Put Up	Size Number
515118	White	5/32 in.	1000 ft.	5
515119	White	3/16 in.	1000 ft.	6
515120	White	1/4 in.	1000 ft.	8



518029

## Cord – Diamond Braided Nylon

This diamond braided nylon has high strength, excellent resistance to abrasion and good elasticity under dynamic load. It also works well in wet applications.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
518029	450 lbs.	Black	1/8 in.	1000 ft.	4



506592

## Cord – Premium Sash

Cotton cover, synthetic core. General, all purpose cotton sash cord used for home, recreation and industrial jobs.

Item Number	Approx. Tensile Strength	Cord Size	Put Up	Size Number
506592	800 lbs.	1/4 in.	1000 ft.	8

## Line – Cotton Awning

Manufactured from high strength cotton yarns braided over a low stretch polyester core.



519802

Item Number	Color	Cord Size	Put Up	Size Number
519802	Black	9/64 in.	100 yd.	4.5

## Line – Ultra Awning

Made with a polyester core for greater strength. This braided line is glazed Grade "A" cotton for longer wearing life.



507126

Item Number	Approx. Weight Per Tube	Color	Cord Size	Put Up	Size Number
507122	10 lbs.	White	9/64 in.	1500 ft.	4.5
507123	12 lbs.	White	5/32 in.	1500 ft.	5
507124	14 lbs.	White	3/16 in.	1500 ft.	6
507125	17 lbs.	White	7/32 in.	1500 ft.	7
507126	26 lbs.	White	1/4 in.	1500 ft.	8

## Line – Ultra Mason

A braided cord made of high quality cotton to assure uniform size and quality. Excellent small diameter cord for lacing windbreaks, stationaries and store awnings. Also used for drawstrings.



507130

Item Number	Color	Cord Size	Put Up	Size Number
507130	White	7/64 in.	3000 ft.	3.5

## Rope – Diamond Braided Polyester

Polyester cord with high strength and excellent abrasion resistance. This cord has very good UV resistance. Resists acids, alkalis and moisture.



518606

Item Number	Cord Size	Put Up	Size Number
518606	1/8 in.	1000 ft.	4

## Rope – Supreme MFP Braided

Multifilament solid braided polypropylene with abrasion-resistant smooth finish. Good strength with low stretch and excellent dielectric qualities. Resistant to rot, mildew, oil and most chemicals. This rope also floats.



515517

Item Number	Approx. Tensile Strength	Color	Cord Size	Material	Put Up	Size Number
515517	305 lbs.	White	3/16 in.	MFP (Multifilament Polypropylene)	1000 ft.	6



515449

## Cord – Diamond Braided MFP

Suggested uses include drawstrings, lacing cords, general utility.

Item Number	Approx. Tensile Strength	Color	Cord Size	Material	Put Up	Size Number
515449	250 lbs.	Black	1/8 in.	MFP (Multifilament Polypropylene)	1000 ft.	4
515450	250 lbs.	Black	1/8 in.	MFP (Multifilament Polypropylene)	3000 ft.	4



515084

## Cord – Diamond Braided Nylon Utility

Suggested uses include drawstrings, lacing cords, general utility.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
515084	490 lbs.	White	1/8 in.	3000 ft.	4



507145

## Cord – Drawtite Cotton

Braided fine cotton with glazed cover and low stretch synthetic cord.

Suggested uses: cotton awning lacing and window furnishings.

Item Number	Cord Size	Put Up	Size Number
507145	7/64 in.	500 yd.	3-1/2



519131

## Cord – Hollow Braided Polypropylene

A low-cost, diamond-braided cord. This cord is hollow – there is no filler core.

Suggested uses: barrier rope, tie-down, general marine and hardware uses.

Item Number	Color	Cord Size	Put Up	Size Number
519148	Black	1/4 in.	1000 ft.	8
519136	White	5/16 in.	1000 ft.	10
519134	White	3/16 in.	1000 ft.	6
519135	White	1/4 in.	1000 ft.	8
519132	Yellow	5/16 in.	1000 ft.	10
519131	Yellow	1/4 in.	1000 ft.	8



515454

## Cord – MFP Solid Braided Polypropylene

Made of white multifilament polypropylene. Resists acids, alkalis and mildew. Floats in and does not absorb water. Ends can be fused to prevent fraying. Versatile for many marine applications.

Item Number	Approx. Tensile Strength	Cord Size	Material	Put Up	Size Number
515454	750 lbs.	1/4 in.	MFP (Multifilament Polypropylene)	1000 ft.	8



519945

## Cord – Neobraid® Polyester

100% high-strength polyester cord excels in awning applications and is a superb all-purpose/industrial cord. Patented InterWarp® construction withstands years of weather and sun, and does not kink, twist, or fray. Resistant to mold, oil and stains.

Neobraid Warning: Not For Personal Safety. Working loads are for rope in good condition with appropriate splices, in non-critical applications and under normal service conditions. Do not exceed working loads without expert knowledge of conditions and professional estimates of risk. Working loads should be reduced where life, limb and valuable property are involved or with shock loads, sustained loads. Never stand in line with rope under tension or directly underneath rope under tension.

Some items are drop ship only.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
519945	350 lbs.	Black	1/8 in.	1000 ft.	4
519952	410 lbs.	Black	9/64 in.	3000 ft.	4-1/2
519950	469 lbs.	Black	5/32 in.	1000 ft.	5
519948	700 lbs.	Black	3/16 in.	1000 ft.	6
519947	1000 lbs.	Black	1/4 in.	1000 ft.	8
519972	350 lbs.	Forest Green	1/8 in.	1000 ft.	4
519939	1600 lbs.	White	5/16 in.	500 ft.	10
519944	350 lbs.	White	1/8 in.	1000 ft.	4
519930	350 lbs.	White	1/8 in.	500 ft.	4
519946	406 lbs.	White	9/64 in.	1000 ft.	4-1/2
519951	410 lbs.	White	9/64 in.	3000 ft.	4-1/2
519949	700 lbs.	White	3/16 in.	1000 ft.	6
519953	700 lbs.	White	3/16 in.	3000 ft.	6
519936	700 lbs.	White	3/16 in.	500 ft.	6
519937	1000 lbs.	White	1/4 in.	1000 ft.	8
519938	1000 lbs.	White	1/4 in.	500 ft.	8

Neobraid® and InterWarp® are registered trademarks of New England Overseas Corporation.



519926

## Cord – Neoline® Polyester

100% polyester jacket and polyester/polypropylene core offers superior strength and abrasion resistance. Ideal for awnings and everyday use. Patented InterWarp® construction knots well, is weather resistant, and is twist and fray free.

Neoline Warning: Not For Personal Safety. Working loads are for rope in good condition with appropriate splices, in non-critical applications and under normal service conditions. Do not exceed working loads without expert knowledge of conditions and professional estimates of risk. Working loads should be reduced where life, limb and valuable property are involved or with shock loads, sustained loads. Never stand in line with rope under tension or directly underneath rope under tension.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
519911	220 lbs.	Black	1/8 in.	1000 ft.	4
519960	460 lbs.	Black	3/16 in.	1000 ft.	6
519907	460 lbs.	Light Beige	3/16 in.	1000 ft.	6
519922	185 lbs.	White	7/64 in.	3000 ft.	3-1/2
519912	220 lbs.	White	1/8 in.	1000 ft.	4
519923	220 lbs.	White	1/8 in.	3000 ft.	4
519904	220 lbs.	White	1/8 in.	500 ft.	4
519913	307 lbs.	White	9/64 in.	1000 ft.	4-1/2
519924	307 lbs.	White	9/64 in.	3000 ft.	4-1/2
519915	370 lbs.	White	5/32 in.	1000 ft.	5
519916	460 lbs.	White	3/16 in.	1000 ft.	6
519926	460 lbs.	White	3/16 in.	3000 ft.	6
519906	460 lbs.	White	3/16 in.	500 ft.	6
519917	750 lbs.	White	7/32 in.	1000 ft.	7
519918	750 lbs.	White	1/4 in.	1000 ft.	8
519908	750 lbs.	White	1/4 in.	500 ft.	8

Neoline® and InterWarp® are registered trademarks of New England Overseas Corporation.



515339

## Cord – Solid Braided Polyester

Braided of clean, high tensile strength polyester. Resists acids, alkalis and moisture. Ends can be fused to prevent fraying. Ideal for drawstrings and in hems of synthetic tarpaulins. Popular for boating and awning line.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
515339	310 lbs.	White	1/8 in.	500 ft.	4
515353	620 lbs.	White	3/16 in.	1000 ft.	6
518602	750 lbs.	White	3/16 in.	1000 ft.	6



515432

## Cord – Solid Braided Nylon

This is one of the finest quality and best performing nylon solid braided cords. Designed for marine and industrial use, the product is constructed from high tenacity 12 strand interlocking nylon fibers, and has excellent shock load absorption qualities.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
515432	450 lbs.	White	1/8 in.	1000 ft.	4
515433	750 lbs.	White	3/16 in.	1000 ft.	6
515434	1200 lbs.	White	1/4 in.	1000 ft.	8



516252

## Rope – 3-Strand Polypropylene

Filament polypropylene rope with excellent strength to weight ratio. Will float because specific gravity is less than 1.0. Hand and lay is medium/soft, which makes this product easy to splice.

Item Number	Approx. Tensile Strength	Color	Cord Size	Put Up	Size Number
516252	3780 lbs.	White	1/2 in.	600 ft.	16
516242	1130 lbs.	White	1/4 in.	1200 ft.	8
516240	1130 lbs.	White	1/4 in.	600 ft.	8
516238	720 lbs.	White	3/16 in.	1200 ft.	6
516236	720 lbs.	White	3/16 in.	600 ft.	6
516248	2430 lbs.	White	3/8 in.	600 ft.	12
516246	1710 lbs.	White	5/16 in.	1200 ft.	10
516256	5580 lbs.	White	5/8 in.	600 ft.	20
516206	1130 lbs.	Yellow	1/4 in.	1200 ft.	8
516226	7650 lbs.	Yellow	3/4 in.	600 ft.	24
516210	1710 lbs.	Yellow	5/16 in.	1200 ft.	10



515218

## Rope – Unmanila™ Polypropylene

This rope has a simulated manila look with performance durability of polyolefin. It is a fibrillated film fiber that has balanced construction, medium lay and moderate strength/moderate stretch. It is lightweight and buoyant, and exhibits good abrasion resistance and excellent hand and knotability.

Item Number	Color	Cord Size	Put Up	Size Number
515218	Tan	1/4 in.	1200 ft.	8

Unmanila™ is a trademark of Wellington Puritan Mills, Inc.



506326

## Cord – Nylon Shock

Nylon covered elastic cord of synthetic rubber. Ideal for sewing in boat cover hems, lacing down boat covers, car luggage racks and fastening applications.

Sold in full rolls only.

Item Number	Description	Color	Cord Size	Put Up
506326	Single Cover	White with Black Tracer	1/4 in.	150 ft.
506334	Single Cover	White with Black Tracer	1/4 in.	500 ft.
506317	Double Cover	Black	1/8 in.	300 ft.
506324	Single Cover	White with Black Tracer	1/8 in.	300 ft.
506325	Single Cover	White with Black Tracer	3/16 in.	150 ft.
506328	Single Cover	White with Black Tracer	3/8 in.	100 ft.
506327	Single Cover	White with Black Tracer	5/16 in.	150 ft.





506462

## Cord – Single Cover Elastic

Elastic cord of synthetic rubber, designed to remain flexible and offer dependable elasticity when needed. When using any shock cords, always make sure ends are properly secured.

Warning: Secure hooks to ends carefully. Do not overstretch cord more than 50% of its normal length. Sudden disconnect in a stretched position may cause serious injury. Keep face and other vulnerable parts of the body away from the rebound path of the cord. Wear safety glasses during tie down and disconnect. Inspect cord before use. Discard if abraded, cut or cracked. Do not use to hold any surface which reacts to wind or air movement.

Item Number	Style Number	Description	Color	Cord Size	Put Up
506458	121	Cotton Covered	White with Black Tracer	1/4 in.	150 ft.
506455	130	Cotton Covered	White	1/8 in.	300 ft.
506462	350	Cotton Covered	White with Blue/Red Tracer	3/8 in.	100 ft.
506357	M-4	Polypropylene Covered	Black	1/4 in.	300 ft.
506355	M-4	Polypropylene Covered	Black	1/4 in.	500 ft.
506350	M-4	Polypropylene Covered	White with Black Tracer	1/4 in.	150 ft.
506348	M-3 Black	Polypropylene Covered	Black	3/16 in.	300 ft.
506340	M-3	Polypropylene Covered	White with Black Tracer	3/16 in.	1000 ft.
506363		Polypropylene Covered	White	3/16 in.	100 ft.
506349	M-3	Polypropylene Covered	White	3/16 in.	300 ft.
506354	M-6	Polypropylene Covered	White with Blue Tracer	3/8 in.	100 ft.
506356	M-5	Polypropylene Covered	Black	5/16 in.	150 ft.
506352	M-5	Polypropylene Covered	White with Blue Tracer	5/16 in.	150 ft.



506494

## Cord – Synthetic Shock

Synthetic shock cord with a polyester jacket.

Item Number	Color	Cord Size	Put Up
506489	White	1/8 in.	500 ft.
506490	White	3/16 in.	300 ft.
506491	White	1/4 in.	300 ft.
506492	White	5/16 in.	300 ft.
506493	White	3/8 in.	150 ft.
506494	White	1/2 in.	100 ft.
506497	Black	1/8 in.	500 ft.



506167

## Cord – Cone Spring Hooks

Stainless steel. Used for fastening ends of elastic cords.

Item Number	Style Number	Cord Size	Put Up
506167	4	1/4 in.	100
506168	5	5/16 in.	100
506169	6	3/8 in.	100

## Cord – Hog Ring Pliers



506151

Fits 1/8 inch, 3/16 inch, 1/4 inch, 5/16 inch and 3/8 inch sizes of loop and end clamps.

Item Number	Style Number	Description
506150	1440AO	Opening Spring
506151	1440AC	Closing Spring

## Cord – Loop And End Clamps



506163

302 stainless steel. All looping rings are applied with clamp pliers. Used for splicing elastic cord.

Item Number	Style Number	Cord Size	Put Up
506161	X-0	1/4 in.	100
506160	X-00	1/8 and 3/16 in.	100
506162	X-1	5/16 in.	100
506163	X-2	3/8 in.	100



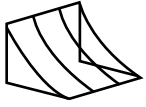
# Reference: Need More Information?

Use our index to find additional details on brands, product types, warranties, and more. It also includes mockups of the most common awning and marine styles as well as technical guides for calculations and measurements if needed. Once again, thank you so much for partnering with Trivantage® and using our catalog.

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## Standard Awning Frame Styles

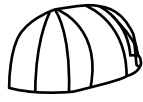
(Courtesy of Professional Awning Manufacturers Association (PAMA), a division of the Industrial Fabrics Association International)



Concave



Dome



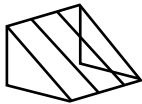
Elongated Dome



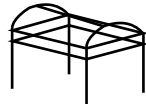
Lateral Arm/  
Retractable



Quarter Round/Convex



Traditional



Rounded Entrance Canopy

## Standard Marine Frame Styles

(Courtesy of The Marine Fabricators Association)



Aft Cover



Aft Cover



Bimini Top



Dodgers



Cockpit Cover



Convertible Top



Enclosure Panel



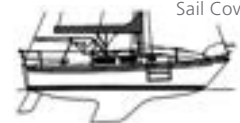
Fly Bridge Bimini



Fly Bridge Cover



Mooring Cover



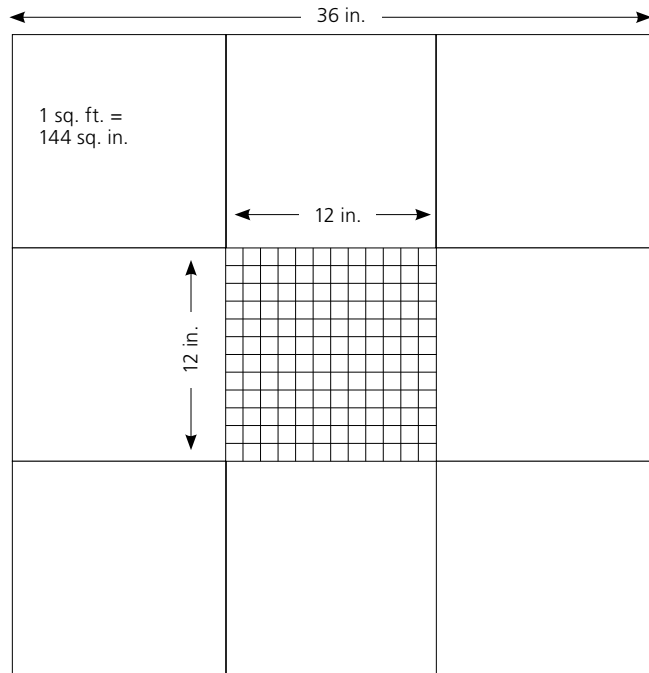
Sail Cover



Windshield Cover

## Conversion Chart

A Fabric Width in In.	B Contains this Many Sq. Ft.	C Contains this Many Sq. Yds.
31	7.75	0.86
36	9.00	1.00
40	10.00	1.11
46	11.50	1.28
47	11.75	1.31
48	12.00	1.33
54	13.50	1.50
60	15.00	1.67
61	15.25	1.69
62	15.50	1.72
69	17.25	1.92
72	18.00	2.00
76	19.00	2.11
78	19.50	2.17
80	20.00	2.22
84	21.00	2.33
96	24.00	2.67
98	25.5	2.72
105	26.25	2.92
108	27.00	3.00
118	29.5	3.28
120	30	3.33
126	31.5	3.50
144	36	4.00
150	37.5	4.17
157	39.25	4.36



### Handy Tips to Know

- 1 sq. yd. = 9 sq. ft.
- 1 sq. yd. = 1296 sq. in.

To compute the cost per sq. ft. or sq. yd., simply take the price of the goods per linear yd. and divide it by the factor in column B or C.

### Handy Tips to Know

- There are 144 sq. in. per sq. ft.
- There are 9 sq. ft. per sq. yd.
- There are 1296 sq. in. per sq. yd.



## Common Cloth Calculations

### To Find Pro Rata Price

(Knowing the price per yd. of a given width of cloth, what would be the pro rata price of the same cloth woven in another width?)

**Example:** If 46 in. cloth is priced at \$7.00 per yd., what would the pro rata price be in the same cloth woven 60 in. wide?

Formula:

$$\frac{\text{Known Width}}{\text{Known Price}} = \frac{\text{Desired Width}}{\text{Desired Price}}$$

Or  $\frac{46}{\$7.00} = \frac{60}{x} ; \frac{60 \times \$7.00}{46} = x ; \frac{420}{46} = x = \$9.13$

### To Find Pro Rata Wt. Expressed in Oz. per Linear Yd.

(Knowing the width and oz. per linear yd. of a given cloth, what would be the wt. of the same cloth woven in another width?)

**Example:** What is the pro rata wt. of 36 in. 12 oz. S.F. Duck woven 44 in. wide?

Formula:  $\frac{\text{Known Width}}{\text{Known Price}} = \frac{\text{Desired Width}}{\text{Desired Price}}$

$\frac{36}{12} = \frac{44}{x} ; \frac{12 \times 44}{36} = x ; \frac{528}{36} = x = \$14.67$

Or

### To Find Pro Rata Wt. Expressed in Yds. per Lb.

(Knowing the width and linear yds. per lb. of a given cloth, what would be the wt. of the same cloth woven in another width?)

**Example:** What is the pro rata wt. of 36 in. 6.15 yd. sheeting woven 45 in. wide?

Formula:

$$\frac{36 \times 6.15}{45} = x ; \frac{221.4}{45} = x = 4.92 \text{ yd.}$$

Or

### To Find the Oz. Wt. per Linear Yd. of Number Ducks

(Knowing the number designation of a wide duck, what does it weigh in oz.?)

**Example:** What is the linear yd. oz. wt. of 22 in. No. 4 Duck?

Formula: 19 less the number of the Duck equals its oz. wt. in 22 in. width or:  $19 - 4 = 15 \text{ oz.}$

The rule-of-thumb formula holds true for all numbers of Duck, 1 through 12 inclusive. To figure 22 in. oz. wt. for Number Ducks, to 19 add one less than number.

**Example:** 22 in. No. 7/0 wts. 25 oz. or 19 plus 6.

Having established the 22 in. oz. wt. of a number Duck, the linear yd. wt. of any other width can be determined by a pro rata calculation.

### Conversion of Yds. per Lb. to Oz. per Yd.

(Knowing the wt. of a given cloth in yd. per lb., what is the wt. expressed in oz. per yd.?)

**Example:** What is the wt. of oz. per yd. of 37 in. 2.75 yd. drill?

Formula:  $\frac{16 \text{ oz. (1 lb.)}}{\text{yds. per lb.}} = \text{oz. per yd.}$

Or  $\frac{16}{2.75} = 5.818 \text{ oz.}$

### Conversion of Oz. per Yd. to Yds. per Lb.

(Knowing the wt. of a given cloth in oz. per yd., what is the wt. expressed in yds. per lb.?)

**Example:** What is the wt. in yds. per lb. of 36 in. 10 oz. S.F.?

Formula:

$$\frac{16}{10} = 1.6 \text{ yd. per lb.}$$

Or

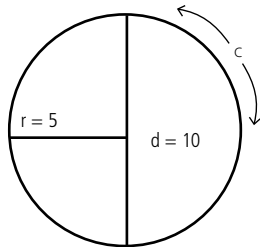
(From "Swirls on Basic Fabrics" copyright 1957)

# Mathematical Aids

To determine the cost of covering any flat surface, first compute its area in square measure. You can compute the area of almost any shape by using the following formulas. For odd shaped areas, it may be necessary to combine several of these formulas.

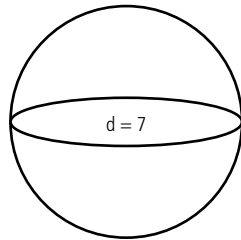
A = Area  
SA = Surface Area  
C = Circumference

**CIRCLE**  
 $A = \pi r^2$   
 $A = 3.1416 \times 5 \times 5$   
 $A = 78.54$

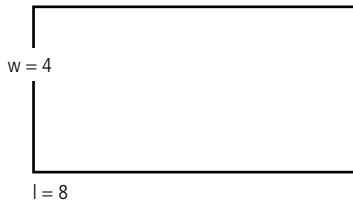


**Note:**  
 $d = 2r$   
 $c = \pi d$   
 $c = 3.1416 \times 10$   
 $c = 31.416$

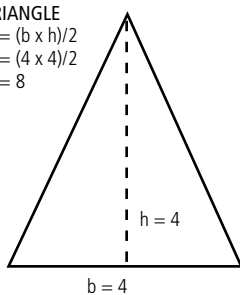
**SPHERE**  
 $SA = \pi d^2$   
 $SA = 3.1416 \times 7 \times 7$   
 $SA = 153.94$



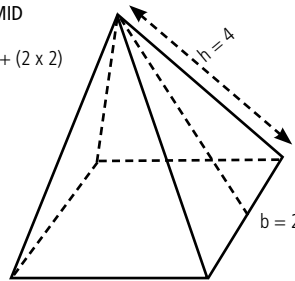
**RECTANGLE**  
 $A = l \times w$   
 $A = 8 \times 4$   
 $A = 32$



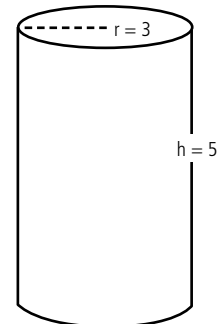
**TRIANGLE**  
 $A = (b \times h)/2$   
 $A = (4 \times 4)/2$   
 $A = 8$



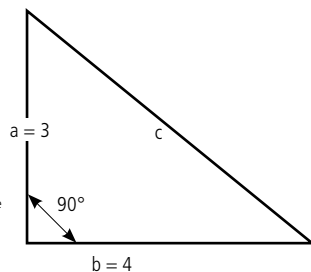
**4-SIDED PYRAMID**  
 $SA = 2bh + b^2$   
 $SA = (2 \times 2 \times 4) + (2 \times 2)$   
 $SA = 20$



**CYLINDER**  
 $SA = 2\pi r^2 + 2\pi rh$   
 $SA = (2 \times 3.1416 \times 3 \times 3) + (2 \times 3.1416 \times 3 \times 5)$   
 $SA = 56.55 + 94.25$   
 $SA = 150.8$



**PYTHAGOREAN THEOREM**  
 $c^2 = a^2 + b^2$   
 $c^2 = (3 \times 3) + (4 \times 4)$   
 $c^2 = 25$   
 $c = 5$



In a right triangle, the square of the hypotenuse (the longest side) is equal to the sum of the squares of the other two sides.

## Linear Measure

English	Metric
12 in. = 1 ft.	10 mm = 1 cm
3 ft. = 1 yd.	100 cm = 1 m
36 in. = 1 yd.	1000 mm = 1 m

## English/Metric Equivalents

English	Metric
1 in. = 25.4 mm	1 mm = .0397 in.
1 in. = 2.54 cm	1 cm = .3937 in.
1 in. = .0254 m	1 m = 39.37 in.
1 yd. = .9144 m	1 m = 1.0936 yd.

## Square Measure

English	Metric
144 sq. in. = 1 sq. ft.	100 sq. mm = 1 sq. cm
9 sq. ft. = 1 sq. yd.	10,000 sq. cm = 1 sq. m
1296 sq. in. = 1 sq. yd.	1,000,000 sq. mm = 1 sq. m

## English/Metric Equivalents

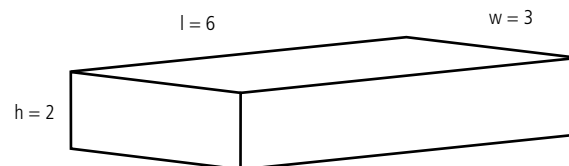
1 sq. yd. = .836 sq. m	1 sq. m = 1.196 sq. yd.
1 sq. in. = .0006451 sq. m	1 sq. m = 1550 sq. in.

## Decimal Equivalents

1/16 = .0625	9/16 = .5625
1/8 = .1250	5/8 = .6250
3/16 = .1875	11/16 = .6875
1/4 = .2500	3/4 = .7500
5/16 = .3125	13/16 = .8125
3/8 = .3750	7/8 = .8750
7/16 = .4375	15/16 = .9375
1/2 = .5000	

## RECTANGULAR PRISM

$SA = 2(lw + hl + hw)$   
 $SA = 2 \times [(6 \times 3) + (2 \times 6) + (2 \times 3)]$   
 $SA = 72$



Numerical

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# Terms of Sale

**Last updated: January 2021**

## **No Warranties; Exclusion of Liability**

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Trivantage will use its best judgment in packaging, packing, shipping and routing unless Buyer gives specific instructions with its order. In the event of shortage or damage incurred enroute, Buyer must make its complaint to the delivering transportation agency and file a claim against such agency. In the event of a shortage in packing, any claim against Trivantage must be made in writing within ten (10) days of receipt of the merchandise. All shipments are made Ex Works Trivantage facility, unless otherwise agreed to in writing by Trivantage. Trivantage's responsibility for delivery ends with a signed bill of lading from the carrier. All risk of loss after Trivantage's delivery to the carrier shall be borne by the Buyer.

## **Returns of Goods from Non-Special Purchase Orders**

Trivantage will accept returns of goods from non-Special Purchase Orders purchased from Trivantage for up to 60 days from the date of invoice, subject to the following conditions:

1. Buyer must obtain an authorization from Trivantage prior to the return of any goods;
2. All returns are subject to a restocking fee of \$15.00 or 15% handling charge (whichever is greater, not to exceed a total of \$125.00);
3. No returns on fabric will be allowed if the goods have been altered, cut or combined with any other goods;
4. Goods must be returned in original packaging and be in the original condition; and
5. Buyer is responsible for the cost of return shipping to Trivantage, and for arranging the return shipment. If Buyer requests that Trivantage facilitate the return, and Trivantage agrees to facilitate the return, a return shipping charge of (a) 5% of the price paid for the goods returned, or (b) Trivantage's less-than-truckload shipping amount, whichever is higher, will be imposed on the Buyer.

Trivantage does not take title to returned items until the item arrives at a Trivantage facility. In no event shall the Buyer be entitled to any right of set-off against Trivantage.

**TRIVANTAGE DOES NOT ACCEPT RETURNS OF GOODS FROM SPECIAL PURCHASE ORDERS. A Special Purchase Order is any order that requires Trivantage to obtain a quote from a manufacturer, or any order that requires Trivantage to place a custom order with a manufacturer.**

#### **Miscellaneous**

If any goods or services ordered by Buyer are supplied by Trivantage in accordance with designs or specifications of the Buyer, and such goods are not Trivantage's standard items or supplied in accordance with Trivantage's standard processes, Buyer shall indemnify Trivantage from any expense, loss, damage or liability which may be incurred by Trivantage on account of any infringement or alleged infringement of any U.S. or foreign patent rights with respect to such goods or processes. The sale of goods by Trivantage does not convey a license, express or implied, under any patent in which Trivantage has an interest, nor does it convey rights to any descriptive data, including Trivantage's manufacturing drawings, processes or tooling.

THE PARTIES AGREE THAT THIS AGREEMENT, ANY SALES HEREUNDER, OR ANY CLAIM, DISPUTE OR CONTROVERSY BETWEEN TRIVANTAGE AND BUYER ARISING FROM OR RELATING TO THIS AGREEMENT, SHALL, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BE GOVERNED BY THE LAWS OF THE STATE OF NORTH CAROLINA, WITHOUT REGARD TO CONFLICTS OF LAWS RULES.

Buyer irrevocably submits to the exclusive jurisdiction of the state and federal courts of the State of North Carolina for the resolution of any legal action arising out of this Agreement and irrevocably agrees that venue for such legal action shall lie exclusively in Alamance County, North Carolina, for any state court action, or in the Middle District of North Carolina for any action instituted within the federal court system.

Any provision hereunder that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

If the goods purchased are to be used in fulfilling a contract or a subcontract either with the U.S. Government or any agency thereof, Trivantage will comply with all mandatory provisions of the Government applicable to Trivantage if and only if Buyer gives Trivantage written notice of such provisions in sufficient time to permit compliance. In addition, Trivantage may, at its option, adopt any provisions of the Armed Services Procurement Regulations or other federal laws or regulations applicable to or made available to subcontractors in the prime contract.













# Customer support you can count on

At Trivantage®, we're focused on you and your business. Our customer care teams are excited to share their expertise on your local market and provide a best-in-class experience with hassle-free ordering. So, reach out—whether through phone, email, fax, or online chat. We'd love to help you!







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