



1. Ferrari Précontraint® 502 Fabric Canopy



Astrup's fabric and hardware structure solutions

# Create your vision

Explore the special characteristics that fabric, as a building element, can bring to your structures. The manipulation of color, shape and soft, flexible surface allow you to enhance your design in a way that no other material can.

2. Coolaroo®/Synthesis Commercial 95™ Shadecloth Canopy



3. Weathertyte® Fabric Awnings



4. Weblon® Coastline Plus™ Fabric Canopy



5. Sunbrella® Fabric Awnings



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# BACK-LIT AWNING FABRICS

FABRIC	DESCRIPTION	TYPICAL WEIGHT (PER SQ. YD.)	RESISTANCE	PATTERNS
<b>Brite Awn®</b>	Vinyl laminated polyester, with high-gloss finish. Flexible fabric enables ease of fabrication.	15 oz.	Mold, mildew, wick and UV light.	Solids
<b>Canopy™ FS</b>	Vinyl laminated polyester with advanced Fluoro-Shield™ (PVDF) topcoating designed to protect and extend the life of the fabric.	16 oz.	Mold, mildew, wick and UV light.	Solids
<b>Canopy™ Plus</b>	Industry's longest lasting vinyl laminated polyester, with exceptional strength and dimensional stability.	19 oz.	Mold, mildew, wick and UV light.	Solids
<b>Cooley-Brite® Cooley-Brite® Lite</b>	An ink-colored, eradicable, flexible, PVC coated membrane, providing maximum brilliance and consistent translucency.	20 oz. Lite - 16 oz.	UV light, mildew, mold and water.	Solids
<b>Cooley-Brite® w/Coolthane® EPS</b>	High tech vinyl coated, wick-resistant polyester fabric with Coolthane® top coating. Eradicable ink surface.	20 oz.	Mildew, wick and UV light.	Solids
<b>Cooley-Brite® Back-In-Black™</b>	Light blocking polyester sign substrate enables sign to have one look for daytime, another for night.	23.5 oz.	Weather, wick and fungus.	White only
<b>NorthStar®</b>	A flexible, pigmented, vinyl coated polyester fabric, providing maximum brilliance and consistent translucency.	13 oz.	UV light, mildew and rot.	Solids
<b>Reflections®-XL</b>	PVC extrusion coated, anti-wick polyester, with acrylic topcoat. Uniform light transmission for back-lit applications.	16 oz.	UV light, mildew and water.	Solids

# AWNING CANOPY AND SHADE FABRICS

<b>AwnTex® #70 AwnTex® #120</b>	Woven vinyl coated polyester mesh fabric.	#70 - 11.7 oz. #120 - 16.8 oz.	UV light, mildew and water.	Solids. Tweeds (#120 only).
<b>Calabaña® Cloth</b>	Vinyl coated cotton duck fabric.	15 oz.	UV light, mildew and water.	Solids and stripes.
<b>Calliope®</b>	Pigmented resin coated polyester plain weave fabric.	12.5 oz.	Wear and fading from wind water, mildew and sunlight.	Solids
<b>Coolaroo®/Synthesis Commercial 95™</b>	Ultraviolet stabilized HPDE monofilament and tape knitted shade cloth.	10.8 oz.	Mold, mildew, shrinkage, tear, UV and fray resistant.	Solids
<b>Dickson® Awning Fabric</b>	Woven fabric, made of 100% acrylic solution-dyed fibers with a clean guard treatment finish.	8.9 oz.	UV light, mildew, water, staining and color degradation.	Solids and stripes.
<b>Ferrari Précontraint® 502</b>	Biface, vinyl coated woven polyester. Ideal for light structures and a range of awning and canopy styles. Excellent dimensional stability and durability.	17 oz.	Weather and flame resistant.	Solids
<b>Ferrari Précontraint® 532</b>	Top coated polyester with printed bright stripe on both topside and lining.	17 oz.	Weather and flame resistant.	Stripes
<b>Ferrari Précontraint® 542</b>	Biface vinyl coated polyester ideal for sophisticated soft striped awning and canopy styles.	17 oz.	Weather and flame resistant.	Stripes
<b>Ferrari Soltis® #86 Ferrari Soltis® #92</b>	Vinyl coated woven polyester mesh fabric. Helps to regulate the thermal effect of the sun. Provides privacy and comfort without obstructing the view.	#86 - 11 oz. #92 - 12 oz.	Exceptional durability under intense wind and weather conditions.	Solids. Pastels, mediums, brights, neutrals and darks.
<b>Ferrari Soltis Air®</b>	Vinyl coated, woven high-tenacity polyester mesh fabric with a natural citronella scent. Designed specifically for retractable awning applications.	11 oz.	Exceptional durability under intense wind and weather conditions. Repels insects.	Solids
<b>Firesist® HUV</b>	Fabric woven from an inherently fire retardant polymer, backed with a durable urethane/acrylic coating.	9.5 oz.	Flame, UV light, color degradation, stain and water resistant.	Solids
<b>Starfire®</b>	Pigmented, acrylic top coated polyester/cotton fabric.	15 oz.	Water and mildew.	Solids
<b>Sunbrella®/Sunbrella® Mayfield Collection®</b>	Woven fabric, made of 100% acrylic solution-dyed fibers with a flourecarbon finish.	9.25 oz.	UV light, color degradation, water and mildew.	European influenced stripes. Earth tones. Solids, stripes. Primaries and pastels.
<b>Vanguard®</b>	Vinyl laminated fabric with extended life properties. Constructed of 1000 denier polyester reinforcing fabric with 10 mils of vinyl on the weather side.	17 oz.	Wick, water, mildew, dirt, stains and flame.	Solids
<b>Weathertyte®</b>	PVC coated polyester with classic woven fabric look. Totally waterproof. Digitally printable.	16 oz.	Water, stain, mold, sagging, abrasion and flame resistant.	Solids
<b>Weblon® Coastline Plus™</b>	Tri-layer fabric; top and bottom layers are vinyl, middle layer is woven polyester.	15 oz.	UV light, mildew, water and flame resistant.	Solids and stripes. Primaries and pastels.

UNDERSIDE	SURFACE	TRANSPARENCY LEVEL	ABRASION RESISTANCE	DIMENSIONAL STABILITY	DURABILITY/ AVG. LIFE SPAN	FLAME RETARDANCE (FR)
White for light transmission.	High-Gloss. Accepts high-performance pressure sensitive graphics.	Translucent, formulated for backlighting.	Good	Good	5-8 years*	Yes
White for maximum light transmission.	Smooth finish makes cleaning and graphic application easy.	Translucent, formulated for backlighting.	Superior	Superior	8 years*	Yes
White for maximum light transmission.	Fluorex-P® (PVDF) overlamine film maximizes cleanability, graphic application and weatherability.	Translucent, formulated for backlighting.	Superior	Superior	12 years*	Yes
White for light transmission.	Durable and easily cleaned. Eradicable colors.	Translucent, formulated for backlighting.	Good	Very good	5-8 years*	Yes
White for light transmission.	Eradicable colors. Coolthane top-coating for extended life and cleanability.	Translucent, formulated for backlighting.	Good	Very good	8-10 years*	Yes
Black	Accepts most graphic applications. Eradicable from the back.	White face and black back, formulated for backlighting.	Good	Very good	5 years*	Yes
Same as top.	Durable and easily cleaned. Accepts most graphic applications.	Translucent, formulated for backlighting.	Good	Very good	5-8 years*	Yes
White for bright illumination.	Durable acrylic top coated for cleanability and decorating.	Translucent, formulated for backlighting.	Very good	Very good	8 years*	Yes

\* Depends on climate and proper care of fabric.

Same as top.	#70 - 17 x 11 count mesh #120 - 36 x 18 count mesh	#70 - (30% Openess) #120 - (10% Openess)	Good	Very good	5-8 years*	#70 - Yes #120 - No
Solid pearl gray.	Smooth, non-glare surface with little or no texture.	Opaque	Very good	Very good	5-8 years*	Special order
Same as top.	Cleanable, textured appearance.	Opaque	Very good	Very good	5-8 years*	Yes
Same as top.	Knitted monofilament/tape fabric.	Depends on color selection.	Excellent	Superior	10 years*	Limited
Same as top.	Woven texture.	Some	Good	Good**	5-8 years*	No
Same as top.	Cleanable, smooth appearance with clear varnish coating top and bottom.	Depends on color or blackout.	Very good	Superior	8-10 years*	Yes
Same as top.	Top coated with a clear varnish on both surface and lining.	Depends on color.	Very good	Superior	5 years*	Yes
Uniform color lining.	Clear varnish on striped topside and underside.	Depends on color.	Very good	Superior	8 years*	Yes
Same as top.	Cleanable mesh.	Light passes through mesh openings.	Very good	Superior	5-8 years*	Yes
Same as top.	Cleanable mesh.	Light passes through mesh openings.	Very good	Superior	5-8 years*	No
Same as top.	Basket weave - soil/stain release finish	Light shades translucent for good illuminated use.	Excellent	Excellent	5-8 years*	Yes
Same as top.	Soft, woven fabric-like texture.	Opaque	Very good	Very good	5-8 years*	Yes
Same as top.	Woven texture.	Translucent, depending on color.	Good	Good**	5-8 years*	No
Same as top.	RainKleen® treated Non-glare.	Limited, depending on color.	Very good	Very good	8-10 years*	Yes
Unique "light" fabric look underside.	Clear acrylic top coated with woven fabric look.	Opaque	Very good	Very good	8-10 years*	Yes
Solid coordinating color to complement topside or same color as top or printed lining.	RainKleen® treated, non-glare. Kid embossed.	Translucent, depending on color.	Good	Very good	5-8 years*	Yes

\*\* Some shrinkage in cold weather, some stretch in hot weather.

Astrup is the foremost authority on the latest awning systems, fabric capabilities, and color dynamics. For more than 130 years, Astrup has supplied awning, canopy and sunshading fabricators with an unparalleled selection of fabrics, hardware, trimming and finishing supplies, while supplying architects with inspiration. We're your resource for all the product literature, samples, test data and specifications you need to help you through the design phase.



To request our free architectural design kit, or find the location of an Astrup office near you, go to [www.astrup.com](http://www.astrup.com).

Astrup's SurfSide™ Collection by TUUCI® USA shown with Sunbrella® Fabric



Pergola® Terrace Awning



Solairette™ Maxi Drop Arm Retractable Window Awning System



Solair® Lateral Arm Retractable Awning System



Astrup Exterior Vertical Sun Screener™ System



Rollease® Roller Shade System, with Somfy® Motor



Steel Stitch™ Staple-In Aluminum and Steel Tubing Systems



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**Photos courtesy of the following awning fabricators:**

- 1 Moundview Memorial Hospital; Friendship, WI  
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- 3 Colony House; Lake Wales, FL  
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- 4 Ritz-Carlton Dillido Hotel; Miami Beach, FL  
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