

2019 FABRIC SPECIFIER'S GUIDE

AWNING & CANOPY

FABRIC SPECIFICATION TABLES

The Awning & Canopy Fabric Specification Tables list characteristics of materials manufactured and distributed by a number of companies. For fabrics that are manufactured by one company and distributed by another, the manufacturer is listed.

The fabric specification charts are organized according to basic fabric types and their various top coatings or finishes.

↓ DOWNLOAD PRODUCT CATEGORIES REFERENCE SHEET

Products are listed in both alphabetical and numerical order (CSI Master Format system) for cross reference. Visit FabricArchitectureMag.com.

All specifications included in the table were submitted voluntarily by the companies, and their accuracy is the responsibility of the manufacturer. It is important to confirm compatibility with the manufacturer.

The appearance of a listing in the table is not an endorsement of a company or product by *Fabric Architecture* magazine or the Industrial Fabrics Association International (IFAI). *Fabric Architecture* and IFAI encourage readers to contact the companies directly for additional information.



Owners of Lallo's bar and restaurant in Miami, Fla., turned to Miami Awning Co. for its expertise to provide stylish shade and weather protection over an outdoor bar. The finished canopy, roughly 33 feet 5 inches long by 28 feet wide, extends perpendicular to the restaurant's main building and has roll-down storm doors for enclosing the space in case of high winds or hurricanes. This project was an Outstanding Achievement winner in IFAI's 2018 International Achievement Awards competition.



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AWNING & CANOPY

CATEGORY		Solution Dyed Acrylic or PVC						Solution Dyed Acrylic					
Trade Name of Fabric		Sunbrella®	Sunbrella® Alloy	Sunbrella® Clarity	Sunbrella® Decorative Shade	Sunbrella® Inkjet White	Firemaster 47	Sunbrella® Plus	Sunbrella® Unity	Sunbrella® Supreme	Dickson® Orchestra North American Collection	Sunbrella® Mayfield Collection®	60" Solids
Supplier		Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Sattler Corp sattler-usa.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Custom Fabrics glenraven.com sunbrella.com	Glen Raven Inc./Trivantage LLC trivantage.com	Glen Raven Inc./Trivantage LLC trivantage.com	Sattler Corp sattler-usa.com
Durability	Warranty	10 years, limited	5 years	5 years	5 years	3 years	5 years	5 years	5 years	5 years	10 years, limited	10 years, limited	10 years
	Water Repellent	X		X	X	X	X	X	X	X	X	X	X
	CSFM Compliant						X						
	Flame Standards Met		CATB117-Class 1	CATB117-Class 1	CATB117-Class 1		NFPA 701, ASTM E 84						
	Mildew Resistance Cited to ASTM G22	X	X		X	X		X		X			
	Wick resistant												
Aesthetics	Colors Available - Top	65 solids, 16 textures, 66 stripes	8 colors	18 styles	3 patterns, 2 sku's each	1	15	15 solids	5 solids	5 solids plus make-to-order	60 solids, 51 stripes, 9 jacquards	25 stripes, 3 solids	36
	Colors Available - Underside	Same as top	Same as top		Same as top		10	Clear coating		Same or contrast	Same as top	Same as top	Same as top
	Opaque	X	X	X	X				X	X			
	Translucent					X	Depends on color						Depends on color
	Backlit Capable						Depends on color						Depends on color
Graphics	Heat Transfer Film Capable	Film	Film	Film, paints	Film		X		Film, paints		Film	Film	X
	Heat Sealed Inset Graphics Capable	X			X		X	X			X	X	X
	Sewn-In Inset Graphic Capable	X	X	X	X		X	X	X	X	X	X	X
Graphics	Eradication Capable												
	Pressure Sensitive Vinyl Capable	X		X	X		X	X	X	X	X	X	X
	Silk Screening Capable	X		X	X	X	X	X	X	X	X	X	X
	Hand Painting Capable	X		X	X	X	X	X	X	X	X	X	X
	Digital Printing Capable					Solvent inks, Eco Solvent, UV inks, latex inks	X						X
Handling	Heat Sealable (w/o Seam tape)												
	Heat Sealable (w/seam tape)	X	X	X	X	X	X	X	X		X	X	X
	Shrinkage cited to ASTM D1204			X					X				
	Stretch Factor Cited to ASTM D4851; CFFA 15			X					X				
	Cleaning Agents Available	X	X	X	X	X	X	X	X	X	X	X	X
Construction	Base Fabric	Acrylic	Acrylic, PVC	Acrylic	Acrylic	Acrylic	Solution Dyed Acrylic & Solution Dyed Polyester	Acrylic	Acrylic, 50% Post-Ind. Recycled Fiber	Acrylic	Acrylic	Acrylic	Solution Dyed Acrylic
	Finish Type or Coating	Resin/fluorochemical	Resin/fluorochemical		Resin/Fluorochemical	Plain, matte	Treated	Resin/Fluorochemical Polyurethane/ Acrylic		Fluorochemical/ Acrylic Coating/ Acrylic Flocked Underside	Fluorocarbon	Fluorocarbon	Treated
	Standard Put Up (Per Roll)	60 yds	60 yds	60 yds	60 yds	54 in only available in 25 yds; 60 in available in 25 and 50 yds	60 yds	55 yds	60 yds	40 yds	65 yds	Approx. 65 yds	60 yds
	Finished Width(s)	46 in	60 in	60 in	54 in	54, 60 in	47 in	60, 80 in	60 in	60 in	47 in	46 in	60 in
	Finished Weight (Per Sq.Yd.)	9 oz		10 oz		10 oz	11.8 oz	10 oz	12 oz	13 oz	8.7 oz	9.25 oz	9 oz
Support Materials	Fabrication or Technical Manual	X					X	X		X		X	X
	Specification Sheet Available	X				X	X	X		X	X	X	X

AWNING & CANOPY

CATEGORY		Vinyl Laminated or Coated Polyester, Backlight		Vinyl Laminated Polyester		Vinyl Mesh – Coated or Woven							
Trade Name of Fabric		Eradi-Lite®	Nite-Lite®	Weathertyte® PLUS	Weathertyte® PLUS Lite	AwnTex® 70	AwnTex® 160	RecScreen® Shade Screen	Frontside Safe P 35	Soltis Horizon 86	Soltis Harmony 88	Soltis Perform 92	Soltis Proof W96
Supplier		Glen Raven Inc./Trivantage LLC trivantage.com	Glen Raven Inc./Trivantage LLC trivantage.com	Cooley Group cooleygroup.com	Cooley Group cooleygroup.com	Glen Raven Inc./Trivantage LLC trivantage.com	Glen Raven Inc./Trivantage LLC trivantage.com	S A Recasens recasens.com	Serge Ferrari North America sergeferrari.com/us	Serge Ferrari North America sergeferrari.com/us	Serge Ferrari North America sergeferrari.com/us	Serge Ferrari North America sergeferrari.com/us	Serge Ferrari North America sergeferrari.com/us
Durability	Warranty	8 years, limited, 5 years Desert SW USA	8 years, limited	8 years	5 years	5 years	5 years	10 years	10 years	5 years	5 years	5 years	5 years
	Water Repellent	X	X	X	X								X
	CSFM Compliant	X	X	X	X	X	X	X	X	X		X	X
	Flame Standards Met	ASTM-E-84, Class A; NFPA 701-2010TM2	ASTM-E-84, Class A; NFPA 701-2010TM2	ASTM E 84, NFPA 701, CSFM	NFPA-701, ASTM E 84, CSFM	ASTM-E-84, Class A; NFPA 701-2010TM2	ASTM-E-84, Class A; NFPA 701-2010TM2	NFPA 701-2004. CSFM Title 19	ASTM 136 - Non Combustible	ASTM-E-84, Class A; NFPA-701, CSFM	ASTM-E-84, Class A; NFPA-701, CSFM	ASTM-E-84, Class A; NFPA-701, CSFM	ASTM-E-84, Class A; NFPA-701, CSFM
	Mildew Resistance Cited to ASTM G22			X	X			X	X	X	X	X	X
	Wick resistant			X	X				X	X	X	X	X
Aesthetics	Colors Available - Top	12 solids	11 solids	15 solids	7 solids	7 solids	18 solids	1, 3, 5.5% openness, basket weave or twill, up to 15 colors	2 – silver or black	23	17	48	5
	Colors Available - Underside	White	White	Color matched fabric look	7 solids	Same as top	Same as top		Same as top	Same – except 2051, 2068	Same as top	Same – except 2068, 2051, 2046, 2048, 2074	Same as top
	Opaque			X	X								
	Translucent	X	X			X	X	X	X	X	X	X	X
	Backlit Capable	X	X										
Graphics	Heat Transfer Film Capable	Film	Film	Film, paints	Film, paints					Film, paints	Film, paints	Film, paints	Film, paints
	Heat Sealed Inset Graphics Capable	X	X	X	X	X	X			X		X	X
	Sewn-In Inset Graphic Capable	X	X	X	X	X	X		X	X		X	X
Graphics	Eradication Capable	X											
	Pressure Sensitive Vinyl Capable	X	X	X	X					X		X	X
	Silk Screening Capable	X	X	X	X	X	X	X		X		X	X
	Hand Painting Capable	X	X	X	X	X	X			X		X	X
	Digital Printing Capable			Solvent inks, UV inks	Solvent inks, UV inks			Solvent links		Solvent inks, UV inks	Solvent inks, UV inks	Solvent inks, UV inks	Solvent inks, UV inks
Handling	Heat Sealable (w/o Seam tape)	X	X	X	X	X	X	X	X	X		X	X
	Heat Sealable (w/seam tape)			X	X			X	X	X		X	X
	Shrinkage cited to ASTM D1204			X	X								
	Stretch Factor Cited to ASTM D4851; CFFA 15			X	X								
	Cleaning Agents Available	X	X	X	X	X	X		X	X	X	X	X
Construction	Base Fabric	Woven polyester mesh	Woven polyester mesh	Anti-wick polyester	Anti-wick polyester	Woven polyester mesh	Polyester	Polyester/PVC	Glass	High-tenacity polyester	High-tenacity polyester	High-tenacity polyester	High-tenacity polyester
	Finish Type or Coating	Eradicable coating	Vinyl laminate, acrylic top coat	Top coat acrylic	Top coat acrylic	Vinyl encapsulated yarn	Vinyl encapsulated yarn	Antibacterial and lead free	PTFE	PVC coated	PVC coated	PVC coated	PVC coated
	Standard Put Up (Per Roll)	30 yds	40 yds	50 yds	50 yds	Approx. 30 yds	30 yds	27 yds	54.68 yds	43 yds or 54 yds	44 yds or 54 yds	45 yds or 54 yds	38 yds
	Finished Width(s)	78 in	61 in	54, 60, 74 in	60, 74 in	60 in	60 in, 3 available in 98 in	118 in	106 in	69 in, 105 in	69 in, 105 in	69 in, 105 in	105 in
	Finished Weight (Per Sq.Yd.)	17 oz	16 oz	16 oz	11 oz	11.7 oz	14.3 oz	14.75, 15.17, 17.84 oz	18.7 oz	11.2 oz	9.8 oz	12.4 oz	18.3 oz
Support Materials	Fabrication or Technical Manual			X	X				X	X		X	X
	Specification Sheet Available	X	X	X	X	X	X	X	X	X		X	X