



# AWNING AND CANOPY

2009 Fabric Specifier's Guide



Professional Awning  
Manufacturers Association  
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## AWNING & CANOPY

	Product	100% Woven Acrylic			Sunbrella® Inkjet White			Sunbrella® Recruit®			Frohlich-wolff	Gottchalk
Trade Name of Fabric	Sunbrella® Mayfield Collection®	Sundown	Dickson Awning	Sunbrella Plus	Sunbrella FireResist® Plus		Sunbrella®		Recruit®			
Trademark Holder/Supplier	Tri Vantage	Covin Sales & Converting	Glen Raven Custom Fabrics LLC	S A Recasens	Sattler AG	Sattler AG						
Warranty in Years	5	5	5	5	5	3	10	5	5	5	5	
Water Repellent	X	X	X	X	X	X	X	X	X	X	X	
Flame Resistance Cited to CSFM					X							
Durability	Flame Standard—Others						details upon request.					
	Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X	X	X	X	X	
	Wick Resistance											
	Colors Available-Top	30 Stripes, 4 Solids, 1 Tweed	50 Solids, 104 Stripes	28 Solids, 54 Stripes	15 Solids	18 Solids, 7 Stripes	1	55 Solids, 19 Textures, 82 Stripes	59 Solids, 78 Stripes	47 Solids, 91 Stripes	48 Solids, 101 Stripes	
Aesthetics	Colors Available - Underside	Same as top	Same as top	Translucent	Translucent			Same as Top	Same as top	Same as top	Same as top	
	Opaque	X	X	X	X	X	X	X	X	X	N/A	
	Inherently Translucent	X	X	X	X	X	X	X	X	X	X	
	Back-Lit		X									
Graphics	Heat Transfer Films											
	Heat Sealed Inset Fabric	X	X	X	X	X	X	X	X	X	X	
	Sewn-In Inset Fabric	X	X	X	X	X	X	X	X	X	X	
	Eradication											

<b>Graphics</b>	Pressure-Sensitive Vinyl	X	X	X	X	X	X
	Screen Printing	X	X	X	X	X	X
	Hand Painting	X	X	X	X	X	X
	Digital Printing						
<b>Handling</b>	Heat Sealable (w/o seam tape)	X				X	
	Heat Sealable (w/seam tape)	X	X	X	X	X	X
	Shrinkage cited to ASTM D1204						
	Stretch Factor Cited to ASTM D4851; CFFA 15	X					
	Cleaning Agents Available	X		X	X	X	
<b>Construction</b>	Base Fabric	Solution-dyed acrylic	Solution-dyed acrylic	Solution-dyed modacrylic	Acrylic	Solution-dyed acrylic	Acrylic
	Finish Type or Coating	Fluorocarbon	Resin/ Fluorochemical	T-Resin/ fluorochemical/B; Acrylic/Urethane	Plain, Matte	Resin/ Fluorochemical	Fluorocarbon/ Resin
	Standard Put Up (Per Roll)	60 yds	55, 66 yds	55 yds	3" Core	60 yds	65 yds
	Finished Width(s)	46" - 47"	47" Core 60", 47"	46" Core, 60" Core, 80" Core	54" Core, 60" Core	47" Core, 60" Core, 98" Core	120 cm
	Finished Weight (Per Sq. Yd)	9.25 oz	9 oz	10.0 oz	10.4 oz	9.25 oz	290 g/m <sup>2</sup>
<b>Support</b>	Fabrication or Technical Manual	X			X		
	Specification Sheet Available	X	X	X	X	X	X

## AWNING & CANOPY

Product	100% Woven Acrylic (continued)				100% Woven FR Polymer				100 % Woven Solution-Dyed Polymer			
	Sattler	Outdura Trio	Outdura	Sun Duck	Sundown	Firesist® HUV			Top Notch	FR	WeatherMax	WeatherMax 80
Trade Name of Fabric												
Sattler AG	Shuford Mills LLC	Shuford Mills Inc		Claredon Textiles Inc.	Covin Sales and Converting	Glen Raven Custom Fabrics LLC			MarChem Coated Fabrics Inc.	Safety Components	Safety Components	
Trademark Holder/Supplier												
Warranty in Years	5	6	6	5	5	5	5	5	5	5	5	5
Water Repellent	X	X	X	X	X	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM												
Durability	Flame Standard—Others details upon request											
Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X	X	X	X	X	X	X
Wick Resistance												
Colors Available-Top	43 Solids, 129 Stripes	11	49	45 Solids, 85 Stripes		30 Solids in 60" Core, 48 solids in 47" Core, Stripes 100"	17 Solids	9 Solids	9 Solids	9 Solids	9 Solids	16 Solids
Colors Available - Underside	Same as top	11	49	Same as top				Same as top	Same as top	Same as top	Same as top	Same as top
Aesthetics												
Opaque	X	X	X	X	X	X	X	X	X	X	X	X
Inherently Translucent	X		X	X	X	X	X	X	X	X	X	X
Back-Lit												
Heat Transfer Films		Film	Film		N/A	N/A				Film, Paints	Film, Paints	
Graphics	Heat Sealed Inset Fabric	X	X	X	X	X	X	X	X			
	Sewn-In Inset Fabric	X	X	X	X	X	X	X	X	X	X	X
Eradication												

Pressure-Sensitive Vinyl	X	X	X	X	X	X	X	X	X	X	X
Screen Printing	X	X	X	X	X	X	X	X	X	X	X
Hand Painting	X	X	X	X	X	X	X	X	X	X	X
Digital Printing	Solvent Inks	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Solvent Inks, UV Inks	Solvent Inks, UV Inks
Heat Sealable (w/o seam tape)	X										
Heat Sealable (w/seam tape)	X	X	X	X	X	X	X	X	X	X	X
Shrinkage cited to ASTM D1204											
Stretch Factor Cited to ASTM D4851; CFFA 15							X		X		
Cleaning Agents Available	X	X	X	X	X	X	X	X	X	X	X
Base Fabric	Acrylic	Solution-dyed acrylic	Solution-dyed acrylic	Solution-dyed acrylic	Solution-dyed acrylic	Inherent Fire Retardant Polymer	Solution dyed polyester	SaturaMax	SaturaMax		
Finish Type or Coating	Fluorocarbon	DWR	Fluorochemical/ Resins	Resin/ Fluorocarbon	Fluorocarbon	Urethane/Acrylic Coating	Fluorocarbon	HydroMax Finish w/ Urethane Coating	HydroMax Finish w/ Urethane Coating		
Standard Put Up (Per Roll)	65 yds	55-60 yds	55-60 yds	60 yds	55, 65 yds	55 yds	55 yds	65 yds	65 yds	75 yds	
Finished Width(s)	120 cm	60" Core	47"- 60"	47"				60"	60" Core		
Finished Weight (Per Sq. Yd)	290 g/m <sup>2</sup>	12.5 oz	9.25 oz	9 oz	9 oz	9.5 oz	9.5 oz	11.5 oz	9.5 oz	9 oz	8 oz
Support	Fabrication or Technical Manual					X			X	X	X
	Specification Sheet Available	X	X	X	X	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Vinyl Laminated Polyester	Weathertite	Weatherlyte Lite	Sun & Sea	Uni-cover	Coastline Plus	Vanguard	Atlas
Trade Name of Fabric	Patio 500	Weathertite	Weathertite Lite						
Trademark Holder/Supplier	Glen Raven, Inc.	Cooley Group	Cooley Group	Vicar International	Vicar International	Weblon, Div. of Herculite	Weblon, Div. of Herculite	J. Ennis Fabrics	
Warranty in Years	5	5	5	5	5	5	5	8	2
Water Repellent	X	X	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X	X	X
Durability	Flame Standard—Others	ASTM-E-84, Class A; MVSS-302; NFPA-701-2004	NFPA 701 Test Method 2 (2004)						Motor Vehicle Safety Standard 302
Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X	X	X	X
Wick Resistance	X	X	X	X	X	X	X	X	X
Colors Available-Top	44 Solids	10 Fabric Textured	6 Solids	16 Solids	16	67 Solids, 35 Stripes	23 Solids	7 Solids	
Colors Available - Underside	Same as top, or white, eggshell, beige	Color matched fabric look		Same as top	Same as top	Solids, stripes, prints	Same as top	Same as Top	
Aesthetics	Opaque	X	X	X	X	X	X	X	
Inherently Translucent				X	X	X	X	X	
Back-Lit									
Graphics	Heat Transfer Films								N/A
Heat Sealed Inset Fabric	X	X				X	X	X	
Sewn-In Inset Fabric	X	X				X	X	X	
Eradication									X

Pressure-Sensitive Vinyl		X	X	X	X	X	X	X
Screen Printing	X	X	X	X	X	X	X	X
Hand Painting	X	X	X	X	X	X	X	X
Digital Printing							Solvent Inks	
Heat Sealable (w/o seam tape)	X	X	X	X	X	X	X	X
Heat Sealable (w/seam tape)	X	X	X	X	X	X	X	X
Shrinkage cited to ASTM D1204		X			X		X	
Stretch Factor Cited to ASTM D4851; CFFA 15		X			X		X	
Cleaning Agents Available	X	X			X		X	
Base Fabric	Polyester	Anti-wick polyester	Polyester	Polyester	Polyester	Polyester	100% Polyester	
Finish Type or Coating	Vinyl laminate	Top coat acrylic	Vinyl laminate	Vinyl laminate	Rain Kleen II	Rain Kleen II Top Coat	100% PVC	
Standard Put Up (Per Roll)	50 yds	10, 25, 56 yds	40 yds	125 yds	50 yds	50 yds	50 yds	
Finished Width(s)	61" Core	74"	62" Core	57" Core	61" Core, 62" Core	61" Core, 62" Core	60" Core	
Finished Weight (Per Sq. Yd)	175 oz.	16 oz.	11 oz.	15 oz	8 oz	14/15 oz	16/17 oz	10 oz
Support	Fabrication or Technical Manual	X				X		
	Specification Sheet Available	X	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Vinyl Laminated or Coated Polyester, Backlight							
Trade Name of Fabric	ColorKote	Custom Striping	Eradicolor	Flexface FX	WF500 MP	Cool Glo/ NorthStar®	Reflections®- XL	Cool Glo Ultra	Signmaster Supreme
Trademark Holder/Supplier	Arlon Inc.	Arlon Inc.	Arlon Inc.	Arlon Inc.	Arlon Inc.	Tri Vantage	Tri Vantage	Tri Vantage	Glen Raven, Inc.
Warranty in Years	8	5	8	6	5	8	8	8	5
Water Repellent	X	X	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X	X	X
Durability	Flame Standard— Others								NFPA 701-2004; ASTM-E-84; Class A; MVSS-302
Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X	X	X	X
Wick Resistance	X	X	X	X	X	X	X	X	X
Colors Available-Top	20	Matched to Customer Request	15	White	14 Solids	10 Solids	15 Solids	19 Solids	
Colors Available - Underside	Upon request	Upon request			Same as top	White	White	White	Same as top
Aesthetics	Opaque								
Inherently Translucent						X	X	X	
Back-Lit	X	X	X	X	X	X	X	X	X
Graphics	Heat Transfer Films	Film	Film	Film	Film	Film			
Heat Sealed Inset Fabric	X	X	X	X	X	X	X	X	X
Sewn-In Inset Fabric	X	X	X	X	X	X	X	X	X
Eradication	X	X	X						

Pressure-Sensitive Vinyl	X	X	X	X	X	X	X	X
Screen Printing	X	X	X	X	X	X	X	X
Hand Painting					X	X	X	X
Digital Printing	N/A	N/A	N/A	N/A	Solvent Inks			N/A
Heat Sealable (w/o seam tape)	X	X	X	X	X	X	X	X
Heat Sealable (w/seam tape)	X	X	X	X	X	X	X	X
<b>Handling</b>	Shrinkage cited to ASTM D1204	Stretch Factor Cited to ASTM D4851; CFFA 15	Cleaning Agents Available			X	X	X
<b>Construction</b>	Base Fabric	PVC embedded w/ high strength polyester scrim	PVC embedded w/ high strength polyester scrim	PVC embedded w/ high strength polyester scrim	Woven Polyester	Anti-wick treated polyester knit	Polyester	Polyester
	Finish Type or Coating	FX protective coating	Satin Finish	FX protective coating	Protective coating, both sides	Vinyl	PVC	PVC laminated with special acrylic topcoat
	Standard Put Up (Per Roll)	10, 25, 50 yds	500LF minimum	10, 25, 50 yds	105', 164'	40 yds	35 yds	25 yds
	Finished Width(s)	7' or 5' (upon request)	7' or 5' (upon request)	7' or 5'	'4" Core, 5' 2" Core, 6' 6" Core, 8' 6" Core, 10' 6" Core, 12' 6" Core, 16' 4" Core	61", 78"	61", 76"	81" Core (special white 73" Core)
	Finished Weight (Per Sq. Yd)	21 oz	18 oz	21 oz	19 oz	13 oz	16 oz	19.5 oz (special white 22 oz)
<b>Support</b>	Fabrication or Technical Manual	X	X	X				
	Specification Sheet Available	X	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Vinyl Laminated or Coated Polyester, Backlight (continued)							
Trade Name of Fabric	Cooley Brite	Cooley Brite 0606 White	Cooley Brite Back-in-Black	Cooley Brite II White with Coolthane EPS	Cooley Brite II with Coolthane EPS	Cooley Brite Lite	Cooley Brite Sm-42 White	Erad-Lite	Nite-Life
Trademark Holder/Supplier	Cooley Group	Cooley Group	Cooley Group	Cooley Group	Cooley Group	Cooley Group	Cooley Group	Glen Raven Custom Fabrics LLC	Glen Raven Custom Fabrics LLC
Warranty in Years	8	5	5	10	8	8	5	5	8
Water Repellent	X	X	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X	X	X
Durability	Flame Standard—Others UL 48 & 94, NFPA 701								
Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X	X	X	X
Wick Resistance	X	X	X	X	X	X	X	X	X
Colors Available-Top	20 Std., Unlimited Custom	White	White front	White	20 Std., Unlimited Custom	13 Std., Unlimited Custom	White	15 Solids	20 Solids
Colors Available - Underside	White	White	Black back	White	White	White	White	White	White
Aesthetics	Opaque	X		X	X	X	X	X	X
Inherently Translucent									
Back-Lit	X	X	X	X	X	X	X	X	X
Heat Transfer Films									
Graphics	Heat Sealed Inset Fabric	X	X	X	X	X	X	X	X
	Sewn-In Inset Fabric	X	X	X	X	X	X	X	X
Eradication	X	X	X	X	X	X	X	X	X

<b>Graphics</b>	Pressure-Sensitive Vinyl	X	X	X	X	X	X
	Screen Printing	X	X	X	X	X	X
	Hand Painting	X	X	X	X	X	X
	Digital Printing	N/A					
<b>Handling</b>	Heat Sealable (w/o seam tape)	X	X	X	X	X	X
	Heat Sealable (w/seam tape)	X	X	X	X	X	X
	Shrinkage cited to ASTM D1204	X	X	X	X	X	X
	Stretch Factor Cited to ASTM D4851; CFFA 15	X	X	X	X	X	X
	Cleaning Agents Available	X	X	X	X	X	X
	Base Fabric	Anti-wick polyester	Anti-wick polyester	Anti-wick polyester	Anti-wick polyester	Polyester	Polyester
	Finish Type or Coating	Vinyl/Acrylic	Acrylic	None	Vinyl/Coolthane	Vinyl	Vinyl/Acrylic
<b>Construction</b>	Standard Put Up (Per Roll)	10, 25, 50 yds	10, 25, 50 yds	10, 25 or 50 yds	10, 25, 50 yds	10, 25, 50 yds	30 yds
	Finished Width(s)	36", 42", 45", 51", 62", 78", seamed up to 30	78"	78", seamed up to 30	51" Core, 62" Core, 78" Core	78"	61"
	Finished Weight (Per Sq. Yd)	20 oz	20 oz	23.5 oz	20 oz	16 oz	20 oz
	Fabrication or Technical Manual	X	X	X	X	X	X
<b>Support</b>	Specification Sheet Available	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Vinyl Laminated or Coated Polyester, Backlight (continued)	Canopy FS	Canopy Plus	Calabana	Vinyl Coated Cotton	PVC or PVDF/PVC Coated Polyester
Trade Name of Fabric	Brite Awn				F/R	BTF-19	1002 Formula S with back PVDF
Trademark Holder/Supplier	Meridian, Div. of Herculite	Meridian, Div. of Herculite	Meridian, Div. of Herculite	Tri Vantage	Glen Raven, Inc.	Ferrari Textiles Corp.	502 Color Design
Warranty in Years	5	8	12	5	5	10	12
Water Repellent	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X
Durability	Flame Standard—Others				ASTM E-84, Class A Building Material: NFPA 701-2004, TM2	NFPA 701	NFPA 701 & ASTM E 84 Class A
Mildew Resistance Cited to ASTM G21	X	X	X				
Wick Resistance	X	X	X	X	X	X	
Colors Available-Top	11	22 Solids	42 Solids, 21 Stripes	26 Solids, 2 Stripes	19	White, Copper, Gold, Silver	40
Colors Available - Underside	White	White	White	Dyed pearl gray	Same as top	Same as top	
Aesthetics	Opaque			X	X	X	X
Inherently Translucent							
Back-Lit	X	X	X				
Graphics	Heat Transfer Films						N/A
Heat Sealed Inset Fabric	X	X	X		X	X	X
Sewn-In Inset Fabric	X	X	X	X	X	X	X
Eradication							

Pressure-Sensitive Vinyl		X	X	X	X	X	X
Screen Printing	X	X	X	X	X	X	X
Hand Painting	X	X	X	X	X	X	X
Digital Printing	Solvent Inks	N/A	Solvent Inks, UV Inks				
Heat Sealable (w/o seam tape)	X	X	X	X	X	X	X
Heat Sealable (w/seam tape)	X	X	X	X	X	X	X
<b>Handling</b>	Shrinkage cited to ASTM D1204	Stretch Factor Cited to ASTM D4851; CFFA 15	Cleaning Agents Available	Base Fabric	Polyester	Cotton	High-tenacity polyester
Finish Type or Coating	PVC	Fluoro-Shield PVDF	Vinyl	PVC-coated Polyester w/PVDF/ Acrylic	Weldable PVDF/ PVC coated	PVC coated both sides	
Standard Put Up (Per Roll)	50 yds	35 yds	50 yds	50 yds	50 yds	50,250 m	54.68 yds
Finished Width(s)	61"	61"	30/31"	30/31"	85/86"	70.8"	70.87"
Finished Weight (Per Sq. Yd)	15 oz	16 oz	19 oz	15 oz	18/19 oz	31 oz	174 oz
<b>Support</b>	Fabrication or Technical Manual	X	X			X	X
Specification Sheet Available	X	X	X	X	X	X	X

## AWNING & CANOPY

Product		PVC or PVDF/PVC Coated Polyester (continued)						Acrylic, Vinyl or Resin - Coated Polyester or Polyester Cotton					
Trade Name of Fabric	702 Formula S with back PVDF	Preconstraint 542	1002 T2 with back PVDF	Solrec®	Sampson	Hercules	Aqualon®	Starfire®	Avenue	Calliope			
Trademark Holder/Supplier	Ferrari Textiles Corp.	Ferrari Textiles	Ferrari Textiles	S A Recasens	J. Ennis Fabrics	J. Ennis Fabrics	Tri Vantage	Tri Vantage	Tri Vantage	Tri Vantage			
Warranty in Years	7	8	15	5	2	2	5	5	5	5			
Water Repellent	X		X	X	X	X	X	X	X	X			
Flame Resistance Cited to CSFM	X	X	X						X	X			
Durability	Flame Standard—Others	NFPA 701	NFPA 701 & ASTM E 84 Class A	NFPA 701	Fire Classification M1-M2	NFPA 701 Large Scale & Motor Vehicle Safety Standard 302 & CPAL-84	Motor Vehicle Safety Standard 302 & CPAL-84	CPAL-84, FMVSS-302					
Mildew Resistance Cited to ASTM G21					X	X	X	X	X	X			
Wick Resistance									X	X			
Colors Available-Top	White, Aluminum	12	White	9	13 Colors	7 Colors	33 Solids	25 Solids	18 Solids	23 Solids			
Colors Available - Underside	White, Black, Grey	Grey or Beige	White	Same as top	Same as top	Same as top	Natural	Same as top	Same as top	Same as top			
Aesthetics	Opaque	X		X	X	X	X	X	X	X			
Inherently Translucent	X												
Back-Lit													
Graphics	Heat Transfer Films	N/A	Film, Paints	N/A	N/A	N/A							
	Heat Sealed Inset Fabric	X	X	X	X	X			X	X			
	Sewn-In Inset Fabric	X	X	X	X	X			X	X			
Eradication													



## AWNING & CANOPY

Acrylic, Vinyl or Resin - Coated Polyester or Polyester Cotton (continued)						
Product	Vantage	MainStreet+	Holiday	Odyssey III	Top Gun	Topyssy
<b>Trade Name of Fabric</b>						
<b>Trademark Holder/Supplier</b>	Tri Vantage	Glen Raven, Inc.	MarChem Coated Fabrics Inc.	MarChem Coated Fabrics Inc.	MarChem Coated Fabrics Inc.	MarChem Coated Fabrics Inc.
Warranty in Years	3	5	5	3	5	4
Water Repellent	X	X	X	X	X	X
Flame Resistance Cited to CSFM		X	X			
<b>Durability</b>	Flame Standard—Others	NFPA-701-99, TM2; ASTM #—84, Class A; MVSS-302				
Mildew Resistance Cited to ASTM G21	X	X	X	X	X	X
Wick Resistance	X	X	X	X	X	X
Colors Available-Top	13 Solids	18 Solids, 5 Stripes	17 Solids	18 Solids	20 Solids	9 Solids
Colors Available - Underside	Same as top	Solids same as top, Stripe 4 white underside, 1 tan	Same as top	Same as top	Same as top	Same as top
<b>Aesthetics</b>	Opaque	X	X	X	X	X
Inherently Translucent		X				
Back-Lit						
Heat Transfer Films						
<b>Graphics</b>	Heat Sealed Inset Fabric	X				
Sewn-In Inset Fabric	X	X	X	X	X	X
Eradication						



## AWNING & CANOPY

	Product	Vinyl Laminated or Coated Mesh						
<b>Trade Name of Fabric</b>	AwnTex® 70	Awn Tex® 120	Preconstraint 392	Preconstraint 492	Soltis 92	Soltis 99	Soltis Air	Soltis B 92-N Blackout
<b>Trademark Holder/Supplier</b>	Tri Vantage	Tri Vantage	Ferrari Textiles Corp.	Ferrari Textiles Corp.	Ferrari Textiles Corp.	Ferrari Textiles Corp.	Ferrari Textiles Corp.	Ferrari Textiles Corp.
Warranty in Years	5	5	10	10	5	5	5	5
Water Repellent							X	
Flame Resistance Cited to CSFM	X		X	X	X	X	X	X
<b>Durability</b>	Flame Standard—Others		NFPA 701	NFPA 701	ASTM E 84 - Class A/NFPA 701	ASTM E 84 - Class A/NFPA 701	NFPA 701	ASTM E 84 Class A - NFPA 701
Mildew Resistance Cited to ASTM G21	X	X			X	X		X
Wick Resistance								
Colors Available-Top	7 Solids	13 Solids, 4 Tweeds, 6 Stripes	White	White	47	17	20	6
Colors Available - Underside	Same as top	Same as top	Same as top	Same as top	Same except - 2046, 2051, 2074	Aluminum	Same as top	Aluminum
<b>Aesthetics</b>	Opaque	X	X	X	X	X	X	X
Inherently Translucent								
Back-Lit								
Heat Transfer Films			Film, Paints	Film, Paints	Film, Paints	Film, Paints	Film, Paints	Film, Paints
<b>Graphics</b>	Heat Sealed Inset Fabric	X	X	X	X	X	X	X
Sewn-In Inset Fabric	X	X	X	X	X	X	X	X
Eradication								

Pressure-Sensitive Vinyl		X		X	X	X	X
Screen Printing		X	X	X	X	X	X
Hand Painting		X	X	X	X	X	X
Digital Printing		Solvent Inks, UV Inks	Solvent Inks, UV Inks	Solvent Inks, UV Inks	Solvent Inks, UV Inks	Solvent Inks, UV Inks	Solvent Inks, UV Inks
Heat Sealable (w/o seam tape)	X	X	X	X	X	X	X
Heat Sealable (w/seam tape)	X	X	X	X	X	X	X
<b>Handling</b>							
Shrinkage cited to ASTM D1204							
Stretch Factor Cited to ASTM D4851; CFFA 15							
Cleaning Agents Available	X	X	X	X	X	X	X
Base Fabric	Woven Polyester Mesh	Woven Polyester Mesh	High-tensile polyester	High-tensile polyester	High-tensile polyester	High-tensile polyester	High-tensile polyester
Finish Type or Coating	Vinyl Encapsulated Yarn	Vinyl Encapsulated Yarn	PVC coated mesh	PVC coated mesh	PVC coated	PVC coated	PVC
Standard Put Up (Per Roll)	30 yds	30 yds	54.68 yds	54.68 yds	50 m	50 m	50 m
Finished Width(s)	60"	60"	70.87"	70.87"	69.7"	69.7", 105"	66.9"
Finished Weight (Per Sq. Yd)	11.7 oz	16.8 oz	24.2 oz	23.5 oz	12.4 oz	8.5 oz	10 oz
<b>Support</b>							
Fabrication or Technical Manual		X	X	X	X	X	X
Specification Sheet Available	X	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Vinyl Laminated or Coated Mesh (continued)					Acrylic Painted Cotton or Polyester	
Trade Name of Fabric	Soltis 93	Sunsure	Sunsure Plus	Textilene Plus	Textilene Plus	Innovative	Ultrashade	Gulf Stream
Trademark Holder/Supplier	Ferrari Textiles Corp.	Twitchell Corp.	Twitchell Corp.	Twitchell Corp.	Twitchell Corp.	Innovative Industrial Solutions	Innovative Industrial Solutions	Glen Raven, Inc.
Warranty in Years	5	5	5	5	5	8	5	5
Water Repellent						X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X	
Durability	Flame Standard—Others	NFPA 701						
Mildew Resistance Cited to ASTM G21		X	X	X	X	X	X	
Wick Resistance						X	X	X
Colors Available-Top	14	13 Solids, 4 Bicolors	20 Solids	14	13 Solids, Custom Colors	20 Solids	22 Solids, 3 Stripes	15 Solids, 20 Stripes
Colors Available - Underside	Same except 3046 & 3051	Same as top	Same as top	Same as top	Same as top	Same as top	Pearl Grey or Ivy	
Aesthetics	Opaque					X	X	X
Inherently Translucent	X					X	X	
Back-Lit								
Graphics	Heat Transfer Films	Film, Paints						
Heat Sealed Inset Fabric	X	X	X			X	X	
Sewn-In Inset Fabric	X	X	X			X	X	X
Eradication								

Pressure-Sensitive Vinyl	X					X	X	
Screen Printing	X					X	X	X
Hand Painting	X	X	X	X	X	X	X	X
Digital Printing	Solvent Inks, UV Inks							
Heat Sealable (w/o seam tape)	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
Base Fabric	High-tenacity polyester	Polyester	Polyester	Polyester	Vinyl	Polyester	Polyester/Cotton	
Finish Type or Coating	PVC	Vinyl	Vinyl	Vinyl	Fluorocarbon topcoat	Urethane top coat	Acrylic	
Standard Put Up (Per Roll)	40 m	65 yds	60 yds	65 yds	60 yds	50 yds	50 yds	50 yds
Finished Width(s)	105"	54", custom widths	61"	61"	54", custom widths	61"	61"	31"
Finished Weight (Per Sq. Yd)	12.4 oz	16.3 oz	16.3 oz	14.5 oz	10.4 oz	18 oz	18 oz	13 oz
Support	Fabrication or Technical Manual	X					X	
	Specification Sheet Available	X	X	X	X	X	X	X

## AWNING & CANOPY

	Product	Expanded PTFE	Gore Tenara 3T20	Gore Tenara 3T40	Gore Tenara 4T20	Gore Tenara 4T40	Gore Tenara VG 0180	Gore Tenara VG 0181	Gore Tenara VG 0181	Gore Tenara VG 0181	Gore Tenara Architectural Fabric
<b>Trade Name of Fabric</b>											
<b>Trademark Holder/Supplier</b>	W.L. Gore & Assoc., Inc.	W.L. Gore & Assoc., Inc.	W.L. Gore & Assoc., Inc.	W.L. Gore & Assoc., Inc.	W.L. Gore & Assoc., Inc.	W.L. Gore & Assoc., Inc.					
Warranty in Years	15	15	15	15	15	15	15	15	15	15	15
Water Repellent	X	X	X	X	X	X	X	X	X	X	X
Flame Resistance Cited to CSFM	X	X	X	X	X	X	X	X	X	X	X
<b>Durability</b>	Flame Standard— Others										ASTM E84 - Class A, NFPA 701- Small Scale- Pass
Mildew Resistance Cited to ASTM G21											X
Wick Resistance											X
Colors Available-Top	White and custom colors	White	White	White	White	White or off-white, custom colors are available.					
Colors Available - Underside	White and custom colors	White	White	White	White	White or off-white, custom colors are available.					
<b>Aesthetics</b>	Opaque										
Inherently Translucent	X	X	X	X	X	X	X	X	X	X	
Back-Lit											
<b>Graphics</b>	Heat Transfer Films										N/A
Heat Sealed Inset Fabric											
Sewn-In Inset Fabric											
Eradication											

Pressure-Sensitive Vinyl								
Screen Printing								
Graphics	Hand Painting							
	Digital Printing							
	Heat Sealable (w/o seam tape)							
	Heat Sealable (w/seam tape)	X	X	X	X	X	X	X
Handling	Shrinkage cited to ASTM D1204							
	Stretch Factor Cited to ASTM D4851; CFFA 15							
	Cleaning Agents Available	X	X	X	X	X	X	X
	Base Fabric	High Strength Expanded PTFE	ePTFE					
	Finish Type or Coating	Fluoropolymer	Fluoropolymer	Fluoropolymer	Fluoropolymer	None	None	Fluoropolymer
Construction	Standard Put Up (Per Roll)	Available in 10 m increments	50 m					
	Finished Width(s)	59"	59"	59"	59"	63"	71"	62"
	Finished Weight (Per Sq. Yd)	18.5 oz	18.5 oz	24.5 oz	24.5 oz	15.4 oz	9.75 oz	31.9 oz
Support	Fabrication or Technical Manual	X	X	X	X	X	X	
	Specification Sheet Available	X	X	X	X	X	X	X

# **AWNING & CANOPY**

## **SPECIFICATION TABLE**

The guide lists fabrics manufactured and distributed by the companies listed below. In the categories of Pressure Sensitive Vinyl, Silkscreen and Hand Painting, it is important to confirm compatibility with the manufacturers of the graphic material being applied.

Information provided in the Awning & Canopy Fabric Specifier's Guide was compiled by the Professional Awning Manufacturers Association (PAMA) of the Industrial Fabrics Association International (IFAI). Information in the guide was submitted by PAMA/IFAI member firms. The specification accuracy is the responsibility of the manufacturer. The appearance of a listing is not an endorsement of a company or a product by IFAI or any of its publications or divisions. For more detailed information, PAMA and IFAI encourages readers to view the participating companies Web site or contact the companies directly.

For more information, contact Professional Awning Manufacturers Association of IFAI, 1801 County Rd. B.W. Roseville, MN 55113-4061; +1 651 222 2508; Fax +1 651 631 9334; E-mail awndiv@ifai.com; Web site [www.awninginfo.com](http://www.awninginfo.com)

### **Arlon Inc.**

2811 S Harbor Blvd  
Santa Ana, CA 92704-5805 USA  
800 854 0361, +1 714 540 2811  
Fax +1 714 540 7190  
[customerservice@aronl.com](mailto:customerservice@aronl.com)  
[www.arlon.com/graphics](http://www.arlon.com/graphics)

### **Claredon Textiles Inc**

PO Box 41547  
Charleston, SC 29423-1547 USA  
800 752 1332  
Fax +1 843 569 0835  
[www.claredontextiles.com](http://www.claredontextiles.com)

### **Cooley Group**

50 Esten Ave  
Pawtucket, RI 02860-4840 USA  
800 992 0072, +1 401 724 9000  
Fax +1 401 725 4190  
[info@cooleygroupp.com](mailto:info@cooleygroupp.com)  
[www.cooleygroupp.com](http://www.cooleygroupp.com)

### **Covin Sales & Converting**

2055 Randolph St  
Huntington Park, CA 90255-3537 USA  
888 862 6846, +1 323 584 5067  
Fax +1 323 584 6095  
[covinsales@sbcglobal.net](mailto:covinsales@sbcglobal.net)

### **Ferrari Textiles Corp.**

1510 SW 5th Ct  
Pompano Beach, FL 33069-3523 USA  
866 942 3600, +1 954 942 3600  
Fax +1 954 942 5555  
[steve@ferraritextiles.com](mailto:steve@ferraritextiles.com)  
[www.ferraritextiles.com](http://www.ferraritextiles.com)

### **Glen Raven Custom Fabrics LLC**

1831 N Park Ave  
Glen Raven, NC 27217-1137 USA  
800 788 4413, +1 336 221 2211  
Fax +1 336 586 1169  
[customerservice@sunbrella.com](mailto:customerservice@sunbrella.com)  
[www.glenraven.com](http://www.glenraven.com)  
[www.sunbrella.com](http://www.sunbrella.com)

### **J. Ennis Fabrics Ltd.**

12122 68th St  
Edmonton, AB T5B 1R1  
Canada  
800 663 6647, +1 877 953 6647  
Fax 888 274 2910  
[info@jennisfabrics.com](mailto:info@jennisfabrics.com)  
[www.jennisfabrics.com](http://www.jennisfabrics.com)

### **Herculite Products Inc.**

PO Box 435  
Emigsville, PA 17318-0435 USA  
800 772 0036, +1 717 764 1192  
Fax +1 717 764 5211  
[customercare@herculite.com](mailto:customercare@herculite.com)  
[www.herculite.com](http://www.herculite.com)

### **Innovative Industrial Solutions Inc.**

2003 Corporate Dr  
Boynton Beach, FL 33426-6653 USA  
888 340 7063, +1 561 740 4447  
Fax +1 561 740 4740  
[iis150@aol.com](mailto:iis150@aol.com)

### **MarChem Coated Fabrics Inc.**

500 Orchard St  
New Haven, MO 63068-1108 USA  
800 343 6326, +1 573 237 4444  
Fax +1 573 237 4491  
[info@marchemcoatedfabrics.com](mailto:info@marchemcoatedfabrics.com)  
[www.marchemcoatedfabrics.com](http://www.marchemcoatedfabrics.com)

### **Meridian/Div. Herculite Products Inc.**

P.O. Box 435  
Emigsville, PA 17318 USA  
800 772 0036, +1 717 764 1192  
Fax +1 717 764 5211  
[customercare@herculite.com](mailto:customercare@herculite.com)  
[www.herculite.com](http://www.herculite.com)  
[www.meridianfabrics.com](http://www.meridianfabrics.com)

### **S.A. Recasens**

3684 Stanton St  
Philadelphia, PA 19129-1619 USA  
888 866 6870, +1 215 844 3582  
Fax +1 215 844 3583  
[recasens.textiles@verizon.net](mailto:recasens.textiles@verizon.net)  
[www.recasens.com](http://www.recasens.com)

### **Safety Components Fabric Technologies Inc.**

40 Emery St  
PO Box 567  
Greenville, SC 29605-4572 USA  
800 896 6926 Ext. 14, +1 864 240 2693  
Fax +1 864 240 5947  
[jpierce@safetycomponents.com](mailto:jpierce@safetycomponents.com)  
<http://safetycomponents.com/cms/>  
[WeatherMax%5FFR/207.html](http://safetycomponents.com/cms/)  
<http://safetycomponents.com/cms/>  
[Specifications/211.html](http://safetycomponents.com/cms/)

### **Sattler AG**

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A-8041 Graz  
Austria  
+43 316 41040  
Fax +43 316 41040  
[mail@sattler-ag.com](mailto:mail@sattler-ag.com)  
[www.sattler-ag.com](http://www.sattler-ag.com)

### **Shuford Mills LLC**

447 Main Street  
Hudson, NC 28638 USA  
866 688 3872  
Fax 828 304 8388  
[jjimison@shufordmills.com](mailto:jjimison@shufordmills.com)  
[www.outdura.com](http://www.outdura.com)

### **Tri Vantage LLC**

1803 Salisbury Rd  
PO Box 791  
Statesville, NC 28687-0791 USA  
800 438 1061, +1 701 872 8151  
Fax +1 704 878 0572  
[sales@trivantage.com](mailto:sales@trivantage.com)  
[www.trivantage.com](http://www.trivantage.com)

### **Twitchell Corp.**

4031 Ross Clark Cir  
PO Box 8156  
Dothan, AL 36303-5723 USA  
800 633 7550, +1 334 792 0002  
Fax +1 334 673 4121  
[newsales@twitchellcorp.com](mailto:newsales@twitchellcorp.com)  
[www.twitchellcorp.com](http://www.twitchellcorp.com)

### **Vicar Intl.**

2424 Iorio Ct  
PO BOX 1767  
Union, NJ 07083-8105 USA  
800 526 6997, +1 908 964 1200  
Fax +1 908 964 0909  
[vicar4@earthlink.net](mailto:vicar4@earthlink.net)  
[www.vicarinternational.com](http://www.vicarinternational.com)

### **W. L. Gore & Associates Inc.**

100 Airport Rd  
Elkton, MD 21921-4171 USA  
800 276 8451, +1 410 506 8400  
Fax +1 410 276 8451  
[gorefibers@wlgore.com](mailto:gorefibers@wlgore.com)  
[www.tenarafabric.com](http://www.tenarafabric.com)