

Fabric Selection Guide

High Performance Architectural Fabrics

		3820 Type I	8424 Type I	8028 Type II	9032 Type III
Base Fabric Type		Polyester	Polyester	Polyester	Polyester
Base Fabric Weight (nominal)		5.0 oz/yd ²	5.0 oz/yd ²	7.5 oz/yd ²	10.0 oz/yd ²
Finished Coated Weight		20.0 oz/yd ²	24.0 oz/yd ²	28.0 oz/yd ²	32.0 oz/yd ²
ASTM D751		+2/-1 oz/yd ²	+2/-1 oz/yd ²	+2/-1 oz/yd ²	+2/-1 oz/yd ²
NOTE: Weight of opaque/colored fabrics may be up to 4 oz/yd ² heavier					
Trapezoid Tear		--	50/60 lb	85/85 lb	100/100 lb
ASTM D4533					
Grab Tensile		375/325 lb	375/350 lb	700/700 lb	840/840 lb
ASTM D751					
Strip Tensile		300/275 lb/in	300/275 lb/in	515/515 lb/in	650/650 lb/in
ASTM D751 Procedure B					
Adhesion		10 lb/in	10 lb/in	10 lb/in	10 lb/in
ASTM D751 Dielectric Weld					
Hydrostatic Resistance		500 psi	500 psi	500 psi	500 psi
ASTM D751 Procedure A					
Low Temperature		Pass @ -40° F	Pass @ -40° F	Pass @ -40° F	Pass @ -40° F
ASTM D2136 1/8" mandrel, 4 hr	LTA LTC	--	Pass @ -67° F	Pass @ -67° F	--
Flame Resistance	NFPA 701	Pass	Pass	Pass	Pass
	California Fire Marshal	Pass	Pass	Pass	Pass
	ASTM E84 Class A	Pass	Pass	Pass	--
	ULC S102 & S109	Pass	Pass	Pass	ULC S109 only
Top Finish Systems		Acrylic, PVDF	Acrylic, PVDF, Tedlar®	Acrylic, PVDF, Tedlar®	Acrylic, PVDF, Tedlar®
Width (inches)		72 98	71	56 71 98	54 71

Unless stated otherwise, values presented above represent the minimum expected measurements at the time of manufacture. We believe this information is the best currently available on the subject. We offer it as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge and experience are gained. We make no guarantee of results and assume no obligation or liability whatsoever in connection with this information.

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