

Fabric Selection Guide



Seaman Corporation Material Specification

		3820	8424	8028	9032
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 ASTM D751		20.0 oz/yd ² +2/-1 oz/yd ²	24.0 oz/yd ² +2/-1 oz/yd ²	28.0 oz/yd ² +2/-1 oz/yd ²	32.0 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 ASTM D751		--	50/ 60 lbf	85/ 85 lbf	100/ 100 lbf
Grab Tensile ASTM D751		375/325 lbf	375/ 350 lbf	700/ 700 lbf	840/ 840 lbf
Strip Tensile ASTM D751 Procedure B		300/275 lbf/ in	300/ 275 lbf/ in	515/ 515 lbf/ in	650/ 650 lbf/ in
Adhesion ASTM D751 Dielectric Weld		10 lbf/ in	10 lbf/ in	10 lbf/ in	10 lbf/ in
Hydrostatic Resistance ASTM D751, Procedure A		500 psi	500 psi	500 psi	500 psi
Flame Resistance	Low Temperature ASTM D2136 1/8" mandrel, 4 hr	LTC LTA	Pass @ -40° F --	Pass @ -40° F Pass @ -67° F	Pass @ -40° F --
	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 here 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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