

# Fabric Selection Guide

## High Performance Architectural Fabrics

		3820 Type I	8520 Type I	8424 Type I	8028 Type II	9032 Type III
Base Fabric Type		Polyester	Polyester	Polyester	Polyester	Polyester
Base Fabric Weight (nominal)		170 g/m <sup>2</sup>	170 g/m <sup>2</sup>	170 g/m <sup>2</sup>	250 g/m <sup>2</sup>	340 g/m <sup>2</sup>
Finished Coated Weight		678 g/m <sup>2</sup>	680 g/m <sup>2</sup>	815 g/m <sup>2</sup>	950 g/m <sup>2</sup>	1085 g/m <sup>2</sup>
ASTM D751		+70/-35 g/m <sup>2</sup>	+70/-35 g/m <sup>2</sup>	+70/-35 g/m <sup>2</sup>	+70/-35 g/m <sup>2</sup>	+70/-35 g/m <sup>2</sup>
Trapezoid Tear		--	220/220 N	220/270 N	380/380 N	445/445 N
ASTM D4533						
Grab Tensile		1669/1446 N	1780/1780 N	1670/1560 N	3115/3115 N	3740/3740 N
ASTM D751						
Strip Tensile		2630/2410 N/50mm	2850/2850 N/50mm	2630/2400 N/50mm	4500/4500 N/50mm	5700/5700 N/50mm
ASTM D751 Procedure B						
Adhesion		90 N/50mm	90 N/50mm	90 N/50mm	90 N/50mm	90 N/50mm
ASTM D751 Dielectric Weld						
Hydrostatic Resistance		3.45 MPa	3.45 MPa	3.45 MPa	3.45 MPa	3.45 MPa
ASTM D751 Procedure A						
Low Temperature	LTC	Pass @ -40° C	Pass @ -40° C	Pass @ -40° C	Pass @ -40° C	Pass @ -40° C
ASTM D2136 1/8" mandrel, 4 hr	LTA	--	--	Pass @ -55° C	Pass @ -55° C	--
Flame Resistance	EN-13501-1: B-s2, d0	--	--	--	Pass	Pass
	NFPA 701	Pass	Pass	Pass	Pass	Pass
	ASTM E84 Class A	Pass	Pass	Pass	Pass	--
	ULC S102 & S109	Pass	Pass	Pass	Pass	ULC S109 only
Top Finish Systems		Acrylic, PVDF	Acrylic, PVDF	Acrylic, PVDF, Kynar®, Tedlar®	Acrylic, PVDF, Kynar®, Tedlar®	Acrylic, PVDF, Kynar®, Tedlar®
Width (m)		1.8 2.5	2.5	1.8	1.4 1.8 2.5	1.4 1.8

Kynar® is the trademark property of Arkema, Inc. Tedlar® is the trademark property of DuPont Corporation.

Shelter-Rite® is a registered trademark of Seaman Corporation.

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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