

# 8520 Type I Architectural Fabric



High Performance 8520 Architectural Fabric

## Minimum Specifications

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	5.0 oz/yd <sup>2</sup>	170 g/m <sup>2</sup>
Finished Coated Weight ASTM D751	20.0 oz/yd <sup>2</sup> +2/-1 oz/yd <sup>2</sup>	680 g/m <sup>2</sup> +70/-35 g/m <sup>2</sup>
Trapezoid Tear ASTM D4533	50/50 lb	220/220 N
Grab Tensile ASTM D751	400/400 lb	1780/1780 N
Strip Tensile ASTM D751 Procedure B	325/325 lb/in	2850/2850 N/50 mm
Adhesion ASTM D751 Dielectric Weld	10 lb/in	90 N/50 mm
Hydrostatic Resistance ASTM D751 Procedure A	500 psi	3.45 MPa
Low Temperature ASTM D2136 1/8" mandrel, 4 hr	Pass @ -40° F	Pass @ -40° C
Flame Resistance	Meets NFPA 701; ULC-S109; ASTM 6413 - 2 second flameout; Registered by California Fire Marshal (No. F-97901); ASTM E84 & ULC-S102 - flame spread index ≤25, smoke development rating ≤450	

Unless stated otherwise, values presented above represent the minimum expected measurements at the time of manufacture. Biaxial stretch test results are nominal data derived from testing of a limited number of samples under laboratory conditions. 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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## Biaxial Stretch Test

