

Minimum Specifications

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	5.0 oz/yd ²	170 g/m ²
Finished Coated Weight ASTM D751	24.0 oz/yd ² +2/-1 oz/yd ²	815 g/m ² +70/-35 g/m ²
NOTE: Average weight of opaque fabrics will be ~ 4 oz/yd ² (140 g/m ²) heavier		
Trapezoid Tear ASTM D4533	50/60 lb	220/270 N
Grab Tensile ASTM D751	375/350 lb	1670/1560 N
Strip Tensile ASTM D751 Procedure B	300/275 lb/in	2630/2400 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
Dead Load Seam Strength ASTM D751 2 in (50 mm) seam, 4 hr, 1 in (25 mm) strip	106 lb @ 70° F 53 lb @ 160° F	470 N @ 21° C 235 N @ 71° C
Low Temperature ASTM D2136 1/8" mandrel, 4 hr	LTC LTA Pass @ -40° F Pass @ -67° F	Pass @ -40° C Pass @ -55° C
Flame Resistance	Meets NFPA 701; ULC-S109; ASTM 6413 - 2 second flameout; Registered by California Fire Marshal (No. F-10301); 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.

Issued: December 2016

8424 Architectural Fabric

High Performance 8424 Architectural Fabric

Biaxial Stretch Test

