

## High Performance 9319 Architectural Fabric

9319 Architectural	Standard	Metric
Base Fabric Type Base Fabric Weight (nominal)	Polyester 3.2 oz/yd <sup>2</sup>	Polyester 108 g/m <sup>2</sup>
Finished Coated Weight ASTM D751	19.0 oz/yd <sup>2</sup> +2/-1 oz/yd <sup>2</sup>	644 g/m <sup>2</sup> +70/-35 g/m <sup>2</sup>
Tongue Tear ASTM D751	8"x10" sample @ 12 in/min. 110/110 lb <sub>f</sub>	20.3 cm x 25.4 cm sample @ 30.5 cm/min. 489/489 N
Trapezoid Tear ASTM D4533	35/40 lb <sub>f</sub>	155/178 N
Grab Tensile ASTM D751	260/260 lb <sub>f</sub>	1157/1157 N
Strip Tensile ASTM D751 Procedure B	200/200 lb <sub>f</sub> /in	178/178 daN/5 cm
Adhesion ASTM D751 Dielectric	10 lb <sub>f</sub> /in	9 daN/5 cm
Hydrostatic Resistance ASTM D751 Procedure A	350 psi	2.41 MPa
Dead Load MIL-T-52983E (modified) Para. 4.5.2.19	1.5 in seam, 4 hr, 1 in strip 100 lb <sub>f</sub> @ room temp. 50 lb <sub>f</sub> @ 160° F	3.8 cm seam, 4 hr, 2.5 cm strip 445 N @ room temp. 222 N @ 71° C
Low Temperature LTC ASTM D2136 1/8" mandrel, 4 hr LTA	Pass -40° F Pass -67° F	Pass -40° C Pass -55° C
Flame Resistance	Meets California fire marshal requirements, UL214, NFPA 701, and FTMS 191, method 5903 - FR Pass 2 second flameout ASTM E84 - flame spread index <25, smoke development index <450	

# ARCHITECTURAL FABRIC SPECIFICATIONS

**Biaxial Stretch Test**

