

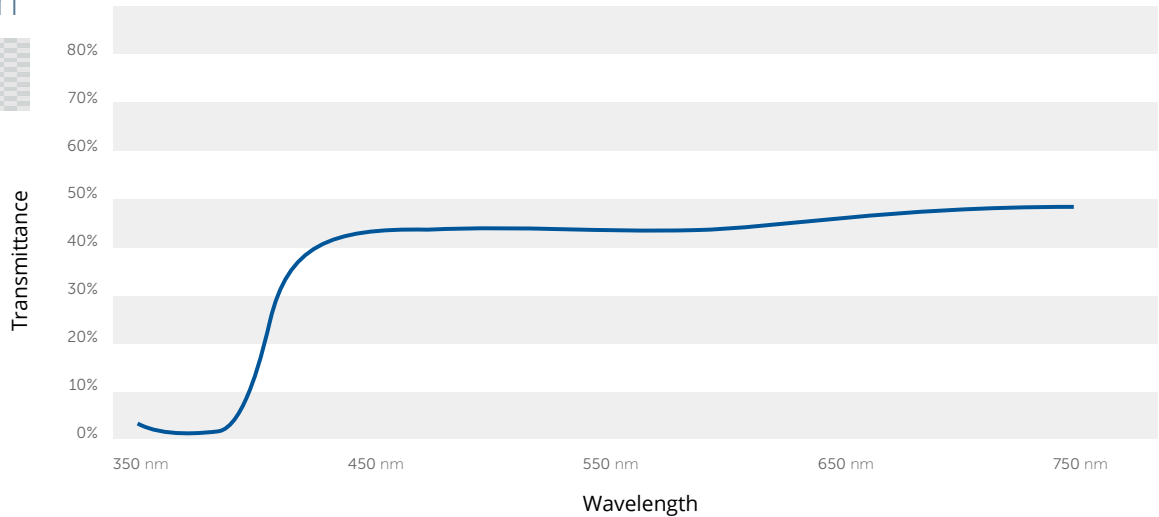
Preliminary Specifications

	Standard	Metric
Base Fabric Type	Polyester	Polyester
Base Fabric Weight (nominal)	7.5 oz/yd ²	250 g/m ²
Finished Coated Weight ASTM D751	28.0 oz/yd ² +2/-1 oz/yd ²	950 g/m ² +70/-35 g/m ²
Trapezoid Tear ASTM D4533	85/85 lb	380/380 N
Grab Tensile ASTM D751	700/700 lb	3115/3115 N
Strip Tensile ASTM D751 Procedure B	515/515 lb/in	4500/4500 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	266 lb @ 70° F 133 lb @ 160° F	1180 N @ 21° C 590 N @ 71° C
Low Temperature LTC ASTM D2136 1/8" mandrel, 4 hr	Pass @ -40° F	Pass @ -40° C
Flame Resistance	Meets NFPA 701; ASTM 6413-13 – 2 second flame out;	
Light Transmission	Visible light transmission (400nm to 700nm): 41% UV light transmission (360nm to 400nm): less than 4%	
UV Resistance	Material tested to ASTM G155 Xenon Weatherometer for 15,000 hours; measured color change of less than Delta E of 5.0 after weathering.	
Warranty	Material has a 20 year prorated warranty that covers retention of 70% strip tensile strength, color change less than Delta E of 5.0, and maintaining the self-cleaning properties of the Tedlar.	

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.

Updated: November 2023

Light Transmission



- Average Light Transmission over Visible Light Spectrum (400-700 nm) is **41%**
- UV Light Transmission (360-400 nm) is **less than 4.0%**

Long Term Performance

8028 HLT (High Light Transmission) with UV Blocking Clear Tedlar

Provides 20-year weathering performance

- Minimal yellowing/color change over 20 years
- Backed by a 15- or 20-year warranty (depending on final building location)

8028 HLT w/Clear Tedlar®

High Performance 8028 Architectural Fabric

Biaxial Stretch Test

