Shelter-Rite® ARCHITECTURAL FABRICS By Seaman Corporation

Seaman Corporation Material Specification

8028 HLT High Light Transmission Fabric

Minimum Specifications

Physical Property	Test Method	Imperial	Metric
Base Fabric	type	Polyester	
Base Fabric Weight	ASTM D751 (Nominal)	7.5 oz/ yd^2	250 g/ m^2
Finished Coated Weight	ASTM D751	28 oz/ yd^2 +2/-1 oz/ yd^2	950 g/ m^2 +70/-35 g/ m^2
Tear Strength	ASTM D751 Trapezoid Tear - Warp/Fill	85/ 85 lbf	380/ 380 N
Breaking Yield Strength	ASTM D751 Procedure A Grab Tensile - Warp/Fill	700/ 700 lbf	3115/ 3115 N
Strip Tensile	ASTM D 751 Procedure B	515/ 515 lbf/ in	4500/ 4500 N/ 50mm
Adhesion	ASTM D 751 Dielectric Weld	10 lbf/ in	90 N/ 50 mm
Hydrostatic Resistance	ASTM D 751 Method A	500 psi	3.45 Mpa
Dead Load Seam Strength	ASTM D 751 4 hour test @ 160° F (71° C) 4 hour test @ 70° F (21° C)	266 lbf/ in 133lbf/ in	1180 N/ 25 mm 590 N/ 25 mm
Low Temperature Resistance	ASTM D 2136 Low Temperature Bend 1/8" (3.2 mm) mandrel, 4 hr LTC	Pass @ -40˚ F	Pass @ -40˚ C
Flame Resistance	Meets NFPA 701, method 2 | ASTM 6413 - 2 second flameout		

Seaman Corporation

1000 Venture Blvd. Wooster, Ohio 44691 | Phone: 330.262.1111 | www.SeamanCorp.com

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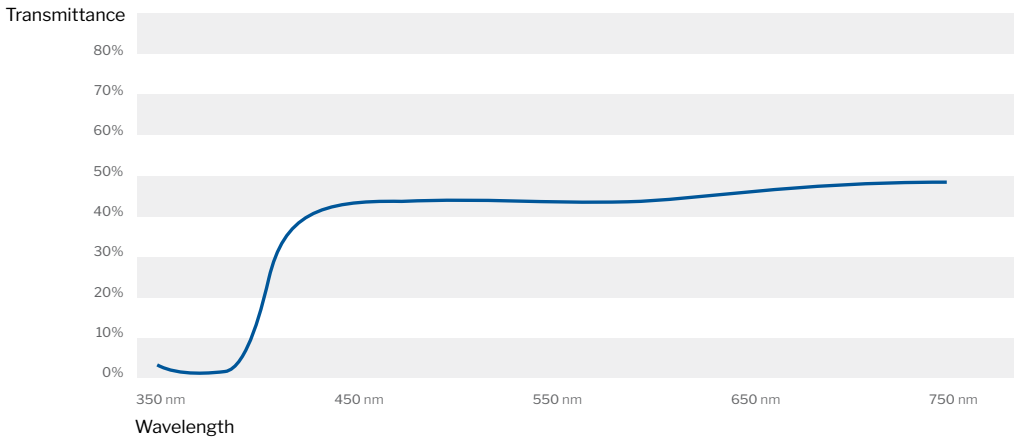
8028 HLT Architectural Fabric

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)
Provides 10 year weathering performance

- Minimal yellowing/color change over 10 years
- Retention of 70% tensile strength

8028 HLT Architectural Fabric

Biaxial Stretch Test Results