



Product Name: E 1050 FR - Provisional

Type 3- PVC Coated both sides membrane, Improved Weathering Resistance, Anti Fungicide Resistance, Upgraded Supreme Lacquered Coated, Flame Retardant.

End Use: Membrane for Air-Tension, Architectural Structures & Tents

Approved: Fire behavior of building materials DIN 4102-1 B1 & B2

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1,500 Den 11.2 [Oz/yd²]	Polyester 1670 Dtx 380 [gr/m²]
Total Weight ASTM D 751	31.8 [Oz/yd²]	1080 [gr/m²]
Breaking Strength - Strip ASTM D 751 method B	795 / 571 [lbs/inch]	7100 / 5100 [N/5 cm]
Tear Strength ASTM D 751	342 / 331 [lbs]	1550 / 1500 [N]
Adhesion (HF Welding) ASTM D 751	22 / 22 [lbs/inch]	200 / 200 [N/5 cm]
Dimension Stability ASTN D 1204 @ 100°C (212°F) 1 hour	0.4%	0.4%
Welded Seam Strength	258 / 246 [lbs/inch]	2300 / 2200 [N/5 cm]
Cold Crack / Bend ASTM D 2136	-58°F	-50°C
Fire behavior DIN 4102-1 B1 & B2	Approved	
Weathering – 5,000 hours ASTM G 154	Very slight color change	