



Product Name: E 610 FR

PVC Coated both sides tarp, Flame Retardant.

End Use: General purpose

Approved: NFPA 701 & SI 5093, SI 755, Refuge Alternative Tent Material Approval MSHA - PAR 101856.

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1,000 Den 5.3 [Oz/yd²]	Polyester 1,100 Dtx 180 [gr/m²]
Total Weight ASTM D 751	18 [Oz/yd²]	610 [gr/m²]
Breaking Strength-Strip ASTM D 751 method B	290 / 290 [lbs/inch]	2600 / 2600 [N/5 cm]
Tear Strength- Single Rip ASTM D 751 method B, DIN 53356	66 / 55 [lbs]	300 / 250 [N]
Adhesion Fed. Std. 191-5970 / HF Welding	11 / 11 [lbs/inch]	100 / 100 [N/5 cm]
Cold Bend ASTM D 2136	-22°F	-30°C
Flame Behavior according to SI 755	I.3.1	
Flame Resistance Fed. Std. 191-5903	≤ 2 sec After Flame ≤ 3.9 inch Char Length	≤ 2 sec After Flame ≤ 10 cm Char Length
DIN 4102 B2	Complies	
MIL-PRF 20696F	Complies with Type 2, Class 2	

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