

PVC Coated both sides tarp, UV stabilized, Flame Retardant

End Use: General purpose tarp, IDF Applications, Biogas tank covers.

Approved: NFPA 701, SI 5093, SI 755, DIN 4102 B1, Refuge Alternative Tent Material Approval MSHA - PAR 101856, NFP 92-501 M1

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Polyester 1,000 Den 5.9 [Oz/yd ²]	Polyester 1,100 Dtx 200 [gr/m ²]
Total Weight ASTM D 751	19.2 [Oz/yd ²]	650 [gr/m ²]
Breaking Strength - Strip ASTM D 751 method B	315 / 315 [lbs/inch]	2800 / 2800 [N/5 cm]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356	77 / 66 [lbs]	350 / 300 [N]
Adhesion (HF Welding) Fed. Std. 191-5970	11 / 11 [lbs/inch]	100 / 100 [N/5 cm]
Flame Resistance Fed. Std. 191-5903	≤ 2 sec After Flame ≤ 3.9 inch Char Length	≤ 2 sec After Flame ≤ 10 cm Char Length
Flame Resistance NFPA 701 (Test no. 2)	≤ 2 sec After Flame ≤ 17.13 inch Char Length	≤ 2 sec After Flame ≤ 43.5 cm Char Length
Flame Behavior according to SI 755	I.3.3	
Methane Gas Permeability ISO 9237 2.5 bar (36 psi)	0 [in/sec]	0 [mm/sec]
Methane Gas Permeability DIN 53380-2 @ 2.5 bar (36 psi)	0 [ft ³ / ft ² x day]	0 [cm ³ / m ² x day x bar]
Heat Resistance	Up to 158 °F	Up to 70°C
Cold Bend ASTM D 2136	-40°F	-40°C