

Product Name: AIR - TITE 1630

PVC Coated both sides membrane, Improved Weathering Resistance, Anti Fungicide Resistance, Upgraded Supreme Lacquered Coated, Low Wick Membrane, Flame Retardant.

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

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1,000 Den 10.6 [Oz/ yd²]	Polyester 1100 Dtx 360 [gr/m²]
Total Weight ASTM D 751	30 [Oz/yd²]	1030 [gr/m²]
Breaking Strength - Grab ASTM D 751 method A	880 / 880 [lbs]	4000 / 4000 [N]
Breaking Strength – Strip ASTM D 751 method B	625 / 625 [lbs/inch]	5600 / 5600 [N/5 cm]
Tear Strength - Trapez ASTM D 4533	145 / 165 [lbs]	650 / 750 [N]
Tear Strength - Trapez DIN 53363	145 / 165 [lbs]	650 / 750 [N]
Adhesion (HF Welding) ASTM D 751	22 / 22 [lbs/inch]	200 / 200 [N/5 cm]
Dimension Stability ASTM D 1204 - 100°C (212°F) 1 hour	0.4%	0.4%
Welded Seam Strength	470 / 336 [lbs/inch]	420 / 300 [N/5 cm]
Cold Crack / Bend ASTM D 2136	-58°F	-50°C
Fire behavior DIN 4102-1 B1 & B2 NFPA 701 Method II CAN/ULC-S109-14 (Small & Large flame)	Approved	
Weathering - 5000 Hours ASTM G 154	Very slight color change	
Gloss Gardner- Glossmeter (units) At 45° At 60°	35 ÷ 45 45 ÷ 55	