

Product Name: ER 1105
Ethylene/vinyl acetate/ PVC Alloy for Chemical Resistance & Excellent weathering resistance
End Use: Inflatable Boats, Sewage contact, Tanks Liners, Oil booms

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Polyester 1000 Den 5.9 [Oz/yd²]	Polyester 1,100 Dtx 200 [gr/m²]
Total Weight ASTM D 751	32 [Oz/yd²]	1100 [gr/m²]
Breaking Strength - Strip ASTM D 751 method B	330 / 330 [lbs/inch]	3000 / 3000 [N/5 cm]
Breaking Strength - Garb ASTM D 751 method A	510 / 510 [lbs]	2300 / 2300 [N]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356	48 / 33 [lbs]	200 / 150 [N]
Tear Strength - Double Rip ISO 4674	48 / 33 [lbs]	200 / 150 [N]
Tear Strength - Trapez DIN 53363	48 / 48 [lbs]	200 / 200 [N]
Adhesion (HF welding) ASTM D 751	22 / 22 [lbs/inch]	200 / 200 [N/5 cm]
Puncture Resistance Fed.Std. 101-2031	170 [lbs]	800 [N]
Air Porosity BS. 4F. 100 Clause 32.1	Pass (10 minutes @ 7 psi)	
Cold Bend ASTM D 2136	-31°F	-35°C
Abrasion (Taber) ASTM D 3389 (H-22 1,000 gr)	<125 [mg/1000 cycles]	