



**Ethylene/vinyl acetate/ PVC Alloy for improved durability & Chemical Resistance.**

**End Use:** Tanks, Berms, Oil booms, Inflatables

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Polyester 1500 Den 7.0 [Oz/yd <sup>2</sup> ]	Polyester 1,670 Dtx 240 [gr/m <sup>2</sup> ]
Total Weight ASTM D 751	41.3 [Oz/yd <sup>2</sup> ]	1400 [gr/m <sup>2</sup> ]
Breaking Strength - Strip ASTM D 751 method B	450 / 450 [lbs/inch]	4000 / 4000 [N/5 cm]
Breaking Strength - GRAB ASTM D 751 method A	620 / 620 [lbs/inch]	2800 / 2800 [N/5 cm]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356	77 / 66 [lbs]	350 / 300 [N]
Tear Strength - Double Rip ISO 4674	110 / 140 [lbs]	500 / 650 [N]
Tear Strength - Trapez DIN 53363	66 / 77 [lbs]	300 / 350 [N]
Adhesion (HF welding) ASTM D 751	18 [lbs/inch]	300 / 300 [N/5 cm]
Puncture Resistance Fed. Std. 101-2031	220 [lbs]	1000 [N]
Air Porosity BS. 4F. 100 Clause 32.1	Pass (10 minutes @ 7 psi)	
Cold Bend ASTM D 2136	-40°F	-40°C
Abrasion (Taber) ASTM D 3389 (H-22 1,000 gr)	<125 [mg/1000 cycles] >5000 [Cycles to expose fabric]	
Blocking Resistance ASTM D 751, 6hr / 70°C	#1	