

**Product Name: TPU 2037 L**

**Polyurethane Coated both sides membrane, Polyester fabric.**

**End Use:** Boats, Oil Booms.

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Polyester 1500 Den 14.4 [Oz/yd <sup>2</sup> ]	Polyester 1,670 Dtx 490 [gr/m <sup>2</sup> ]
Total Weight ASTM D 751	35.3 [Oz/yd <sup>2</sup> ]	1200 [gr/m <sup>2</sup> ]
Breaking Strength - Strip ASTM D 751 method B	780 / 670 [lbs/inch]	7000 / 6000 [N/5 cm]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356	45 / 55 [lbs]	200 / 250 [N]
Tear Strength - Double Rip ISO 4674	80 / 100 [lbs]	350 / 450 [N]
Tear Strength - Trapez DIN 53363	120 / 120 [lbs]	550 / 550 [N]
Coating Adhesion (HF welding) ASTM D 751	50 / 50 [lbs/inch]	450 / 450 [N/5 cm]
Abrasion Resistance (Taber H-22 Wheel 1 Kg load) ASTM D 3389	<30 mg / 1000 cycles >10,000 cycles to expose the fabric	
Blocking Resistance ASTM D 751	#1	
Air Porosity B.S. 4F 100 Clause 32.1	Pass (10 min at 7 psi)	
Cold Crack / Bend DIN 53361	-58°F	-50°C
Puncture Resistance Fed. Std. 101-2031	420 [lbs]	1900 [N]