

**Product Name: TPU 3043**
**TPU Aliphatic PU / PVC Alloy for improved Chemical & Abrasion Resistance.**
**End Use:** Oil Booms, Inflatable Boats

Properties		Typical Characteristics	
Test & Method		English	Metric
Base Fabric		Polyester 1500 Den 14.4 [Oz/yd <sup>2</sup> ]	Polyester 1670 Dtx 490 [gr/m <sup>2</sup> ]
Total Weight ASTM D 751		44.3 [Oz/yd <sup>2</sup> ]	1510 [gr/m <sup>2</sup> ]
Breaking Strength – Strip ASTM D 751 method B		815 / 715 [lbs/inch]	7300 / 6400 [N/5 cm]
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356		120 / 120 [lbs]	550 / 550 [N]
Coating Adhesion (HF welding) ASTM D 751		22 / 22 [lbs/inch]	200 / 200 [N/5 cm]
Abrasion Resistance ASTM D 3389 (Taber H-22 Wheel 1 Kg Load)		>10000 cycles to expose the fabric	
Air Porosity B.S 4F 100 clause 32.1		Pass (10 min at 7 psi)	
Blocking Resistance ASTM D 751 @ 70°C (160°F) 6 hrs.		#1	
Cold Crack / Bend DIN 53361		-40°F	-40°C
Puncture Resistance Fed. Std. 101-2031		440 [lbs]	2000 [N]