



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 ²]	Polyester 1670 Dtx 490 [gr/m ²]
Total Weight ASTM D 751	44.3 [Oz/yd ²]	1510 [gr/m ²]
Width[s]**	59, 81 [inch]	150, 205 [cm]
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]

PROP 65: The product does not require warning label in accord to proposition 65:2018, as the product does not contain a listed substance or/and is under the NSRL “Safe Harbor” levels.

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We believe this information is the best currently available. This product data sheet is subject to revisions once additional know-how is gained. We make no guarantee of results and assume no obligation liability whatsoever in connection with this information.