

Product Name: TPU 2036

Polyurethane coated both sides membrane, Polyester fabric.

End Use: Inflatable Boats and Oil Booms.

Properties		Typical Characteristics	
Test & Method	English	Metric	
Base Fabric	Polyester 1000 Den 8.25 [Oz/yd ²]	Polyester 1100 Dtx 280 [gr/m ²]	
Total Weight ASTM D 751	29 [Oz/yd ²]	960 [gr/m ²]	
Width[s]**	59, 81 [inch]	150, 205 [cm]	
Breaking Strength - Strip ASTM D 751 method B	500 / 450 [lbs/inch]	4500 / 4000 [N/5 cm]	
Breaking Strength - Grab ASTM D 751 method A	660 / 660 [lbs]	3000 / 3000 [N]	
Tear Strength - Single Rip / Tongue ASTM D 751 method B, DIN 53356	22 / 18 [lbs]	100 / 80 [N]	
Tear Strength - Double Rip ISO 4674	44 / 33 [lbs]	200 / 150 [N]	
Tear Strength - Trapezoid DIN 53363	55 / 44 [lbs]	250 / 200 [N]	
Coating Adhesion (HF Welding) ASTM D 751	33 / 33 [lbs/inch]	300 / 300 [N/5 cm]	
Abrasion Resistance (Taber H-22 Wheel 1 Kg load) ASTM D 3389	<35 mg / 1000 cycles		
Air Porosity B.S. 6F. 100 Clause 3.17	Pass (10 min at 7 psi)		
Service Temperature	-65°F to 158°F	-54°C to 70°C	
Blocking Resistance ASTM D 751	# 1		
Puncture Resistance Fed. Std. 101-2031	265 [lbs]	1200 [N]	
Bursting Strength ASTM D751	795 [lbs]	360 [Kg]	
Hydrostatic Resistance Fed. Std. 191-5512	500 [psi]	345 [N/cm ²]	
Burn Rate FMVSS – 302 (Horizontal Test)	30 / 30 [mm/min]		

** For special/additional widths, please contact EREZ's representative.

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.

