



# E SQUARED

An EPT & Erez Company

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Product Name: TPU 2256 **Provisional**

Outer side based on Aliphatic TPU, 100% Polyurethane Coating, Excellent antibacterial and hydrolytic resistance, Low temperature resistance.

End Use: Boats, Kayaks

Properties Test & Method	Typical Characteristics	
	English	Metric
Base Fabric	Polyester 990 Den 7.4 [Oz/yd <sup>2</sup> ]	Polyester 1100 Dtx 250 [gr/m <sup>2</sup> ]
Total Weight ASTM D 751	31.8 [Oz/yd <sup>2</sup> ]	1080 [gr/m <sup>2</sup> ]
Width[s]**	59, 81 [inch]	150, 205 [cm]
Breaking Strength - Strip ASTM D 751 method B	370 / 390 [lbs/inch]	3300 / 3500 [N/5 cm]
Elongation ASTM D 751 method B	24 / 32 [%]	24 / 32 [%]
Tear Strength ASTM D 751 method B	15 / 18 [lbs]	70 / 80 [N]
Coating Adhesion (HF welding) ASTM D 751	28 / 28 [lbs/inch]	250 / 250 [N/5 cm]
Puncture Resistance Fed. Std. 101-2031	220 [lbs]	1000 [N]
Abrasion Resistance (Taber H-22 Wheel 1 Kg load) ASTM D 3389	<5 mg / 1000 cycles >25,000 cycles to expose the fabric	
Air Porosity B.S. 4F 100 Clause 32.1	Pass (10 min at 7 psi)	

\*\* 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.

Comments: Preliminary specification based upon initial production