

Product Name: TPU 1001P

Polyurethane coated membrane, Nylon fabric.

End Use: Inflatable life jacket bladders.

Certified in accord to: MSC/Solas specification **MSC 70/23/Add 1** and with: **ISO 12402-7** for the following colors: Neon Yellow, Spanish Yellow.

Properties Test & Method	Typical Characteristics	
	English	Metric
Fabric Type	Nylon 210 Den	Nylon 235 Dtx
Fabric Count ASTM D 3775	66 / 56 per inch	26 / 22 per cm
Width[s]**	59, 81 [inches]	150, 205 [cm]
Total Weight ASTM D 751 / ISO 3801	8 [Oz/yd ²]	273 [gr/m ²]
Tensile Strength ISO 13934 – 2	247 / 225 [lbs]	1100 / 1000 [N]
After acc. Ageing 168 hrs @ 70 °C (158 °F)	≥ 90%	
Tear strength - Trapezoid ISO 9073 – 4	11.2 / 10.1 [lbs]	50 / 45 [N]
After acc. Ageing 168 hrs @ 70 °C (158 °F)	≥ 90%	
Permeability of CO ₂ ISO 7229	< 0.7 [dm ³ /(day*m ²)]	
After acc. Ageing 168 hrs @ 70 °C (158 °F)	≤ 110%	
After 360 hrs @ 65 °C (149 °F) & 95% R.H.	≤ 110%	
Coating Adhesion (HF Welding) ISO 2411	28 / 28 [lbs/inch]	250 / 250 [N/50 mm]
After 42 days at 70 °C over water	25 / 25 [lbs/inch]	220 / 220 [N/50 mm]
Resistance to flex cracking (9000 cycles) ISO 7854 Method A	No damage	
After 42 days @70 °C (158 °F) over water	No damage	
Helium gas permeability ASTM D 1434V	1.8 Liter/m ² /24 hrs	

**** 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.

