

# PRODUCT DATA SHEET

## TPU 2012

Polyurethane coated both sides membrane, Nylon fabric.

End Use: Immersion suits, Boyancy compensators.

Update: January, 2011

PROPERTY	TYPICAL CHARACTERISTICS	
	TEST & METHOD	STANDARD
Base Fabric	Nylon 210 den 3.1 [Oz/yd <sup>2</sup> ]	Nylon 235 dtx 105 [gr/m <sup>2</sup> ]
Total Weight ASTM D 751	12 [Oz/yd <sup>2</sup> ]	400 [gr/m <sup>2</sup> ]
Breaking Strength – Strip ASTM D 751 procedure B	110 / 88 [lbs/inch]	100 / 80 [Kg / 5 cm]
Tear Strength ISO 4674	6.6 [lbs]	3 [Kg]
Coating Adhesion (HF welding) ASTM D 751 - Dry	16.5 [lbs/inch]	15 [Kg/5cm]
-After Hydrolysis (24 hours @ 3% Saline Solution)	11 [lbs/inch]	10 [Kg/5cm]
Air Porosity B.S 4F 100 clause 32.1	Pass (10 min at 7 psi)	

**Comments:** Preliminary specification based upon initial production run

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.