

Product Name: TPU 2058
TPU Coated both sides membrane, Nylon fabric, Heavy duty product.
End Use: Potable Water Tanks.

Approved for International Specification: NSF/ANSI 61; AS/NZS 4020; WRAS; BS 6920;

The Polyurethane coating has potable water approvals for: MIL-T-53029C

Properties	Typical Characteristics	
Test & Method	English	Metric
Base Fabric	Nylon 1690 Den 13.9 [Oz/yd²]	Nylon 1880 Dtx 470 [gr/m²]
Total Weight ASTM D 751	34.2 [Oz/yd²]	1160 [gr/m²]
Breaking Strength - Strip ASTM D 751 method B	725 / 670 [lbs/inch]	6500 / 6000 [N/5 cm]
Elongation at break ASTM D 751 method B	25 / 35 [%]	
Tear Strength - Single Rip ASTM D 751 method B, DIN 53356	55 / 55 [lbs]	250 / 250 [N]
Tear Strength - Double Rip ISO 4674	110 / 110 [lbs]	500 / 500 [N]
Tear Strength - Trapez DIN 53363	120 / 110 [lbs]	550 / 500 [N]
Coating Adhesion (HF welding) ASTM D 751-Dry	44 / 44 [lbs/inch]	400 / 400 [N/5 cm]
Coating Adhesion (HF welding) ASTM D 751-After Hydrolysis (14 days @ 160°F)	42 / 42 [lbs/inch]	380 / 380 [N/5 cm]
Coating Adhesion (HF welding) ASTM D 751-After Hydrolysis (42 days @ 160°F)	39 / 39 [lbs/inch]	350 / 350 [N/5 cm]
Abrasion Resistance (Taber H-22 Wheel 1 Kg load) ASTM D 3389	30 mg / 1000 cycles	
Air Porosity B.S. 4F 100 Clause 32.1	Pass (10 min at 7 psi)	
Weathering- 4000 hrs. ASTM G 154 UVA 8 hrs. 60°C, 4 hrs. Cond. 50°C	No cracking No change on surface texture. Slight color change	
Cold Crack / Bend Din 53361	-76°F	-60°C
Puncture Resistance Fed. Std. 101-2031	485 [lbs]	2200 [N]

