

Product Name: TPU 2006 HT FR

Nylon textile coated with Polyurethane on both sides.

Properties		Typical Characteristics	
Test & Method		English	Metric
Base Fabric Fed. Std. 191A:5050		Nylon HT 420 Den 5.07 [Oz/yd²]	Nylon HT 470 Dtx 172 [gr/m²]
Weave density Fed. Std. 191A:4021		50.8 / 38 [yarn/inch]	20 / 15 [yarn/cm]
Total Weight ASTM D 751, Fed. Std. 191A:5041, BS 3424		15.2 [Oz/yd²]	517 [gr/m²]
Overall Thickness – nominal ASTM D751, DIN 53353, Fed. Std. 191A:5030		20.5 [mils]	0.52 [mm]
Width[s] Fed. Std. 191A:5020		59, 81 [inch]	150, 205 [cm]
Breaking Strength - Strip ISO 1421		270 / 190 [lbs/inch]	2400 / 1700 [N/5 cm]
Elongation at Break ISO 1421		Max 60%	
Tear Strength ISO 4674/A		11 / 11 [lbs]	50 / 50 [N]
Adhesion (HF Welding) ASTM D 751, ISO 2411, BS 3424		28 / 28 [lbs/inch]	250 / 250 [N/5 cm]
Wet Adhesion (HF Welding) ASTM D 751, ISO 2411, BS 3424		28 / 28 [lbs/inch] 24 hrs./3% NaCl	140 / 110 [N/5 cm] 24 hrs./3% NaCl
Flame Resistance ISO 3795 - FMVSS 302		≤ 3.94 inch/min	≤ 100 mm/min
Flame Resistance FAR section 25.853 App. F. part 1. (a)(1)(iv)		≤ 2.5 inch/min	≤ 63.5 mm/min
Cold Bend ASTM D 2136, DIN 53361, ISO 4675		158°F to -58°F	70 °C to -50°C
Taber Abrasion ASTM D 3389 / Taber H-22 Wheel 1 Kg load		<30 mg /1000 cycles	
Blocking Resistance BS 3424, ASTM D 751 / 70°C (160°F) 6 hrs.		# 1	
Air Porosity B.S 6F 100 clause 3.17		Pass (10 minutes, 7 psi)	

PROP 65: The product does not require a warning label in accordance with proposition 65:2018, as the product does not contain a listed substance or/and is under the NSRL "Safe Harbor" levels.

