

TITAN XTRM PLY HD

30mil



Base Fabric		
Weight	7.0oz/yd ²	(237 g/m ²)
Yarn	Polyester	
Coating		
Polymer	EIA/KKE	
Color	Black	
Sealing	RF, Hot Air, Wedge	
Width	60in, 86in, 120in	

TESTED PROPERTY	TEST METHOD	UNIT)	MINIMUM VALUE
Thickness	ASTM D 751	mils (mm)	30 (0.76)
Weight	ASTM D 751	oz/yd ² (g/m ²)	25 (848)
Tear Strength (Trap Tear)	ASTM D 751	lbf N	150 (MD) 150 (TD) 667 (MD) 667 (TD)
Tear Strength (Tongue Tear)	ASTM D 751-B	lbs N	125 (MD) 125 (TD) 556 (MD) 556 (TD)
Breaking Strength (Grab Tensile)	ASTM D 751-A	lbs N	425 (MD) 425 (TD) 1890 (MD) 1890 (TD)
Breaking Strength (1" Strip Tensile)	ASTM D 751-B	lbs N	250 (MD) 250 (TD) 1112 (MD) 1112 (TD)
Elongation (Grab Tensile)	ASTM D 751-A	%	25
Elongation (1" Tensile)	ASTM D 751-B	%	25
Hydrostatic Resistance (Mullen Tester)	ASTM D 751-A	psi (Mpa)	750(5.17)
Abrasion Resistance (H18 wheel, 1000g load)	ASTM D 3884	cycles	1000
Adhesion – ply	ASTM D 751	lb/in (N/25mm)	7 (31)
Adhesion – wedge weld	ASTM D 413	lb/2in (N/50mm)	20 (88)
Low temperature bend test	ASTM D 2136	°F (°C)	-25 (-32)
Blocking Resistance	ASTM D 751	Rating	#1
Fungus Resistance	AATCC30		Pass
Ozone Resistance	ASTM D 1149		Pass
Puncture Resistance (Screw Tip)	ASTM D 751	lbs (N)	110 (489)
Puncture Resistance (Flat Tip)	ASTM D 4833	lbs (N)	125 (556)
Bursting Strength (Ball Tip)	ASTM D 751	lbf (N)	500 (2224)
Dimensional Stability (max)	ASTM D 1204	%	2.0
Coefficient of thermal Expansion	ASTM E 831-14	/°C (/°F)	136.9X10-6 (76.19X10-6)

*Product specifications are minimum values, actual results may be higher.

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