



TITAN WOVEN

GEOTEXTILES

PROPERTY	UNIT	ASTM TEST METHOD	SILT FENCE	STABILIZATION / SEPARATION					MONOFILAMENT: EROSION CONTROL		
			W100	W200	W250	W270	W315	M100	M18	M50	
Weight	oz/yd ² (g/sm)	ASTM D 5261	3.2 (108)	4.0 (136)	5.0 (170)	5.6 (190)	6.3 (214)	5.6 (190)	5.6 (190)	8.0 (272)	
Grab Tensile	Lbs (kN)	ASTM D 4632	124x124 (.550x.550)	200 (0.889)	250 (1.11)	270 (1.2)	315 (1.40)	370X200 (1.65X.889)	370X250 (1.65X1.11)	315 (1.4)	
Grab Elongation	%	ASTM D 4632	15	15	15	15	15	15	16X15	15	
Trapezoid Tear	lbs (kN)	ASTM D 4533	65 (0.290)	75 (0.333)	90 (0.400)	100 (0.44)	120 (.533)	115X75 (.51X.33)	100X60 (.444X.267)	125 (.55)	
CBR Puncture Resistance	lbs (kN)	ASTM D 6241	325 (1.45)	700 (3.12)	900 (4.005)	1000 (4.45)	1000 (4.45)	675 (3.0)	950 (4.28)	1000 (4.4)	
Permittivity*	l/sec	ASTM D 4491	0.10	0.05	0.05	0.05	0.05	2.1	0.28	0.70	
Water Flow*	gpm/ft ² (L/min/m ²)	ASTM D 4491	10 (405)	5 (203)	4 (163)	4 (163)	4 (163)	145 (5907)	18 (733)	50 (2036)	
A.O.S.*	U.S. Sieve (mm)	ASTM D 4751	30 (0.600)	50 (0.300)	40 (.425)	40 (.425)	40 (.425)	40 (.425)	70 (.212)	40 (.425)	
U.V. Resistance	%/hrs	ASTM D 4355	70/500	70/500	70/500	70/500	70/500	70/500	90/500	70/500	

*At time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING						
Roll Dimensions (ft)	2/3 x 100/300/750	12.5 x 432 17.5 x 309	12.5 x 360 17.5 x 258	12 x 300	12 x 300	15 x 300
Square Yards/Roll	22/66/165/33/ 100/248	600	500	400	400	500
Estimated Roll Weight (lbs)	8/20/10/30	180	210	155	155	260

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