

WOVEN GEOTEXTILES



TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)							
			SILT FENCE	STABILIZATION / SEPARATION					MONOFILAMENT: EROSION CONTROL	
			W100	W200	W250	W270	W315	M100	M18	M50
Grab Tensile	ASTM D 4632	lbs (N)	124 (550)	200 (890)	250 (1113)	270 (1201)	315 (1402)	370x200 (1650 x 889)	370x250 (165 x111)	315 (1400)
Grab Elongation	ASTM D 4632	%	15	15	12	15	15	15	16x15	15
Trapezoidal Tear	ASTM D 4533	lbs (N)	45 (200)	75 (330)	90 (400)	100 (440)	113 (503)	115x75 (150x330)	100x60 (444x267)	125 (550)
CBR Puncture Resistance	ASTM D 6241	lbs (N)	325 (1450)	700 (3114)	750 (3338)	850 (3783)	900 (4005)	675 (3000)	950 (4280)	1000 (4400)
Permittivity*	ASTM D 4491	l/sec	0.10	0.05	0.05	0.05	0.05	2.1	0.28	0.70
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	10 (408)	5 (204)	4 (163)	4 (163)	4 (163)	145 (5907)	18 (733)	50 (2036)
Apparent Opening Size (AOS)	ASTM D 4751	U.S. Sieve (mm)	30 (0.600)	40 (0.425)	40 (.425)	40 (.425)	40 (.425)	40 (.425)	70 (.212)	40 (.425)
U.V. Resistance	ASTM D 4355	%/hrs	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500
TYPICAL ROLL DIMENSIONS										
Roll Dimensions	ft	2/3 x 100/300/750	12.5 x 432 15 x 360 17.5 x 309	12.5 x 360 15 x 300 17.5 x 258	12.5 x 360 15 x 300 17.5 x 258	12.5 x 360 15 x 300 17.5 x 258	12.5 x 360 15 x 300 17.5 x 258	12 x 300	12 x 300	15 x 300
Roll Area	yd ²	22/66/165/33/100/248	600	500	500	500	500	400	400	500
Estimated Roll Weight	lbs	8/20/10/30	180	310	310	310	310	155	155	260

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

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TITAN ENVIRONMENTAL CONTAINMENT

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