

GEOTEX[®] WOVEN REINFORCEMENT GEOTEXTILES

PRODUCT LINE CARD¹

	Property	Test Method	Value	Unit	2x2HF	3x3HF	4x4HF	4x6
MECHANICAL	Grab Tensile Strength	ASTM D-4632	MARV	lb N	315 x 315 1402 x 1402	450 x 350 2003 x 1558	475 x 440 2114 x 1958	600 x 700 2670 x 3115
	Grab Elongation	ASTM D-4632	MARV	%	15	15 x 6	15	15
	Wide Width Tensile	ASTM D-4595	MARV	lbs/ft kN/m	2400 x 2400 35 x 35	3600 x 3600 52.6 x 52.6	4800 x 4800 70.1 x 70.1	4800 x 7200 70.1 x 105.1
	Wide Width Elongation	ASTM D-4595	MARV	%	12 x 8	15 x 10	9	14 x 9
	Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft kN/m	240 x 240 3.5 x 3.5	480 x 420 7.0 x 6.1	600 x 840 8.8 x 12.3	- -
	Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft kN/m	780 x 1404 11.4 x 20.5	1392 x 1740 20.3 x 25.4	2400 x 2700 35 x 39.4	1200 x 2640 17.5 x 38.5
	Wide Width Tensile at 10% Strain	ASTM D-4595	MARV	lbs/ft kN/m	1800 x 2520 26.2 x 36.8	3180 x 3480 46.4 x 50.8	4800 x 3840 70.1 x 56.1	- -
	CBR Puncture	ASTM D-6241	MARV	lb N	1400 6230	1600 7120	2200 9790	2400 10676
	Trapezoidal Tear	ASTM D-4533	MARV	lb N	125 556	180 x 140 801 x 623	200 890	180 x 275 801 x 1224
HYDRAULIC	Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve mm	40 0.425	30 0.600	30 0.600	40 0.425
	Permittivity	ASTM D-4491	MARV	sec ⁻¹	0.70	0.52	0.40	0.26
	Water Flow Rate	ASTM D-4491	MARV	gpm/ft ² l/min/m ²	50 2037	40 1629.8	30 1222	20 815
ENDURANCE	UV Resistance	ASTM D-4355	MARV	% Retained @ 500 hrs	90	80	80	80
PACKAGING	Roll Width ²	Measured	Typical	ft m	15 4.6	12.5 15.0 3.81 4.57	15 4.6	15 4.6
	Roll Length	Measured	Typical	ft m	300 91.5	360 300 109.8 91.5	300 91.5	Custom Custom
	Roll Area	Measured	Typical	yd ² m ²	500 421	500 500 418 418	500 421	- -

Notes: 1. The property values are effective 05/2012 and are subject to change without notice.

2. Contact your local Territory Sales Manager (TSM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.