

# WOVEN REINFORCEMENT GEOTEXTILES PRODUCT LINE CARD<sup>1</sup>

		Property	Test Method	Value	Unit	GEOTEX <sup>®</sup> 2X2HF	GEOTEX <sup>®</sup> 3X3HF	GEOTEX <sup>®</sup> 4X4HF	GEOTEX <sup>®</sup> 4x6
<b>MECHANICAL</b>	Wide Width Tensile	ASTM D-4595	MARV	lbs/ft kN/m	2640 x 2460 38.5 x 35.9	3600 x 3600 52.5 x 52.5	4800 x 4800 70.1 x 70.1	5100 x 7500 74.4 x 109.5	
	Wide Width Elongation	ASTM D-4595	MARV	%	10 x 9	10 x 5	9 x 9	-	
	Wide Width Tensile at 2% Strain	ASTM D-4595	MARV	lbs/ft kN/m	504 x 600 7.4 x 8.8	480 x 420 7 x 6.1	960 x 1320 14 x 19.3	- -	
	Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft kN/m	1272 x 1440 18.6 x 21	1392 x 1740 20.3 x 25.4	2400 x 3000 35 x 43.8	1200 x 4200 17.5 x 61.3	
	CBR Puncture	ASTM D-6241	MARV	lb N	1000 4448	1600 7117	2000 8896	2000 8896	
	Trapezoidal Tear	ASTM D-4533	MARV	lb N	130 x 100 578.3 x 444.8	180 x 140 800.7 x 622.8	180 x 180 800.7 x 800.7	180 x 270 800.7 x 1201	
<b>HYDRAULIC</b>	Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve mm	30 0.600	30 0.425	30 0.600	40 0.425	
	Permittivity	ASTM D-4491	MARV	sec <sup>-1</sup>	0.60	0.52	0.40	0.26	
	Water Flow Rate	ASTM D-4491	MARV	gpm/ft <sup>2</sup> l/min/m <sup>2</sup>	40 1630	40 1630	30 1222	20 815	
<b>ENDURANCE</b>	UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	80%	80%	80%	70%	
	Roll Sizes <sup>2</sup>	Measured	Typical	English	15.0 ft x 300 ft	15.0 ft x 300 ft	15.0 ft x 300 ft	15.0 ft x Custom	
Metric				4.6 m x 91.5 m	4.57 m x 91.5 m	4.6 m x 91.5 m	4.6 m x Custom		

Notes: 1. The property values listed above are effective 06/21/2018 and are subject to change without notice. Values represent testing at time of manufacture.

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