

GEOTEX[®] NONWOVEN ENVIRONMENTAL GEOTEXTILES

PRODUCT LINE CARD¹

	Property	Test Method	Value	Unit	651	861	1071	1291	1701
PHYSICAL	Mass/Unit Area	ASTM D-5261	MARV	oz/yd ² g/m ²	6.0 203	8.0 271	10.0 339	12.0 407	16.0 542
	Thickness	ASTM D-5199	MARV	mils mm	80 2.0	90 2.3	105 2.7	115 2.9	165 4.2
	Grab Tensile Strength	ASTM D-4632	MARV	lb N	170 756	220 979	270 1201	320 1424	390 1735
	Grab Elongation	ASTM D-4632	MARV	%	50	50	50	50	50
MECHANICAL	Puncture	ASTM D-4833	MARV	lb N	110 489	135 601	160 712	210 934	250 1112
	CBR Puncture	ASTM D-6241	MARV	lb N	435 1936	575 2559	725 3226	925 4116	1125 5006
	Mullen Burst	ASTM D-3786	MARV	psi kPa	330 2275	420 2895	520 3585	620 4274	800 5515
	Trapezoidal Tear	ASTM D-4533	MARV	lb N	70 311	95 423	105 467	115 512	155 690
HYDRAULIC	Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve mm	70 0.212	80 0.18	100 0.15	100 0.15	100 0.15
	Permittivity	ASTM D-4491	MARV	sec ⁻¹	1.5	1.5	1.2	0.8	0.7
	Permeability	ASTM D-4491	MARV	cm/sec	0.38	0.38	0.3	0.29	0.27
	Water Flow Rate	ASTM D-4491	MARV	gpm/ft ² l/min/m ²	110 4482	110 4482	85 3463	60 2445	50 2037
ENDURANCE	UV Resistance	ASTM D-4355	MARV	% Retained @ 500 hrs	70	70	70	70	70
PACKAGING	Roll Width ²	Measured	Typical	ft m	15 4.57	15 4.57	15 4.57	15 4.57	15 4.57
	Roll Length	Measured	Typical	ft m	300 91.5	300 91.5	300 91.5	300 91.5	300 91.5
	Roll Area	Measured	Typical	yd ² m ²	500 418	500 418	500 418	500 418	500 418

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.