

NONWOVEN ENVIRONMENTAL PRODUCT LINE CARD¹

	Property	Test Method	Value	Unit	GEOTEX® 651	GEOTEX® 861	GEOTEX® 1071	GEOTEX® 1291	GEOTEX® 1701
PHYSICAL	Mass/Unit Area	ASTM D-5261	MARV	oz/yd ²	6.0	8.0	10.0	12.0	16.0
				g/m ²	203	271	339	407	542
	Thickness	ASTM D-5199	MARV	mils mm	80 2.0	90 2.3	110 2.8	115 2.9	165 4.2
MECHANICAL	Grab Tensile Strength	ASTM D-4632	MARV	lb N	170 756	230 1023	270 1201	320 1423	425 1890
	Grab Elongation	ASTM D-4632	MARV	%	50	50	50	50	50
	Puncture	ASTM D-4833	MARV	lb	110	135	160	210	250
				N	489	601	712	934	1112
	CBR Puncture	ASTM D-6241	MARV	lb	435	600	725	925	1200
				N	1935	2669	3225	4115	5338
	Trapezoidal Tear	ASTM D-4533	MARV	lb	70	95	105	125	155
N				311	423	467	556	689	
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	0.9	0.7
	Permeability	ASTM D-4491	MARV	cm/sec	0.38	0.38	0.3	0.3	0.27
	Water Flow Rate	ASTM D-4491	MARV	gpm/ft ²	110	110	85	65	50
l/min/m ²				4482	4482	3463	2648	2037	
ENDURANCE	UV Resistance at 500 hrs	ASTM D-4355	MARV	% Retained	70	70	70	70	70
PACKAGING	Roll Sizes ²	Measured	Typical	English	15 ft x 300 ft	15 ft x 300 ft	15 ft x 300 ft	15 ft x 300 ft	15 ft x 300 ft
				Metric	4.57 m x 91.5 m	4.57 m x 91.5 m	4.57 m x 91.5 m	4.57 m x 91.5 m	4.57 m x 91.5 m

Notes: 1. The property values listed above are effective 09/16/2016 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.

3. Propex has the capability to manufacture geotextiles up to approximately 32 oz/yd²