



**LIGHT WEIGHT NONWOVEN
CIVIL GEOTEXTILES
PRODUCT LINE CARD¹**

		Property	Test Method	Value	Unit	GEOTEX [®] 311	GEOTEX [®] 351	GEOTEX [®] 401	GEOTEX [®] 451	GEOTEX [®] 501
MECHANICAL	Grab Tensile Strength	ASTM D-4632	MARV		lb	80	90	120	100	135
					N	356	400	534	445	601
	Grab Elongation	ASTM D-4632	MARV		%	50	50	50	50	50
CBR Puncture	ASTM D-6241	MARV		lb	210	260	310	300	385	
				N	934	1157	1379	1334	1713	
Trapezoidal Tear	ASTM D-4533	MARV		lb	30	40	50	50	60	
				N	133	178	222	222	267	
HYDRAULIC	Apparent Opening Size	ASTM D-4751	MaxARV		US Sieve	50	60	70	70	70
					mm	0.300	0.250	0.212	0.212	0.212
	Permittivity	ASTM D-4491	MARV		sec ⁻¹	2.2	2.0	1.7	2.0	1.7
PACKAGING	Water Flow Rate	ASTM D-4491	MARV		gpm/ft ²	150	150	140	140	115
					l/min/m ²	6112	6112	5704	5704	4686
ENDURANCE	UV Resistance at 500 hrs	ASTM D-4355	MARV		% Retained	70%	70%	70%	70%	70%
PACKAGING	Roll Sizes ²	Measured	Typical		English	12.5 ft x 360 ft 15 ft x 360 ft	12.5 ft x 360 ft 15 ft x 360 ft	12.5 ft x 360 ft 15 ft x 360 ft	12.5 ft x 360 ft 15 ft x 360 ft	15 ft x 360 ft
					Metric	3.81 m x 109.8 m 4.57 m x 109.8 m	3.81 m x 109.8 m 4.57 m x 109.8 m	3.81 m x 109.8 m 4.57 m x 109.8 m	3.81 m x 109.8 m 4.57 m x 109.8 m	4.57 m x 109.8 m

Notes: 1. The property values listed above are effective 12/12/2018 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.

