



## SPECIFICATION SHEET

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### Woven Geotextile

Property	Test Method	Values		
Geotex® Product		135 ST	200 ST	315 ST
<b>Physical</b>				
Mass/Unit Area	ASTM D5261	3.2 oz/yd <sup>2</sup>	4.5 oz/yd <sup>2</sup>	6.5 oz/yd <sup>2</sup>
Thickness	ASTM D5199	16 mils	15 mils	20 mils
<b>Mechanical</b>				
Tensile Strength (Grab)	ASTM D4632	135x135 lbs	200x200 lbs	315x315 lbs
Elongation	ASTM D4632	15 x 15%	15 x 15%	15 x 15%
Wide Width Tensile	ASTM D4595	70x70 lbs/in	120x120 lbs/in	170x200 lbs/in
Wide Width Elongation	ASTM D4595	10 x 10%	9 x 7%	10 x 8%
Puncture	ASTM D4833	70 lbs	100 lbs	125 lbs
Mullen Burst	ASTM D3786	265 psi	450 psi	650 psi
Trapezoidal Tear	ASTM D4533	45 x 45 lbs	75 x 75 lbs	120 x 120 lbs
<b>Endurance</b>				
UV Resistance @ 500 hrs	ASTM D4355	90%	90%	90%
<b>Hydraulic</b>				
Apparent Opening Size (AOS), US Std. Sieve	ASTM D4751	40	40	70
Permittivity	ASTM D4491	0.08 sec <sup>-1</sup>	0.07 sec <sup>-1</sup>	0.06 sec <sup>-1</sup>
Permeability	ASTM D4491	.004 cm/sec	.004 cm/sec	.003 cm/sec
Water Flow Rate	ASTM D4491	6 gpm/ft <sup>2</sup>	6 gpm/ft <sup>2</sup>	5 gpm/ft <sup>2</sup>
Typical Roll Sizes		125' x 432'	125' x 432'	125' x 360'
			15.0' x 360'	15.0' x 300'
			17.5' x 309'	17.5' x 258'

**NOTES:**

1. The property values listed above are subject to change without notice.
2. Values for machine (warp) and cross machine (fill), respectively, under dry or saturated conditions. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.

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