

PRODUCT SPECIFICATIONS

## Nilex Nonwoven 4546

PROPERTY	TEST	UNIT	VALUE (MARV)
<b>Mechanical</b>			
Grab Tensile Strength	ASTM D-4632	N (lb)	534 (120)
Elongation	ASTM D-4632	%	50
CBR Puncture*	ASTM D-6241	N (lb)	1379 (310)
Trapezoidal Tear	ASTM D-4533	N (lb)	222 (50)
<b>Hydraulic</b>			
Apparent Opening Size	ASTM D-4751	mm (US Sieve)	0.212 (#70)
Permittivity	ASTM D-4491	sec <sup>-1</sup>	1.7
Water Flow Rate	ASTM D-4491	l/m/m <sup>2</sup> (gpm/ft <sup>2</sup> )	5704 (140)
<b>Endurance</b>			
UV Resistance	ASTM D-4355	% retained at 500 hrs	70
<b>Packaging</b>			
Roll Size	Measured	m (ft)	3.81 x 109.8 (12.5 x 360)  4.57 x 109.8 (15 x 360)

\*Note: Mullen Burst ASTM D-3786 and Puncture Strength ASTM D-4833 are no longer recognized by ASTM Committee D35 as an acceptable geotextile test method. Puncture Strength ASTM 4833 has been replaced with the Static (CBR) Puncture ASTM D-6241. For more information, refer to the ASTM website at [www.astm.org](http://www.astm.org)

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