

PRODUCT SPECIFICATIONS

# Nilex Woven Geotextile

Minimum Average Roll Values (MARV)

PROPERTY	TEST	UNIT	Nilex 2002	Nilex 2004	Nilex 2006
<b>Mechanical</b>					
Grab Tensile Strength	ASTM-D4632	N (lb)	890 (200)	1110 (250)	1400 (315)
Grab Elongation	ASTM-D4632	%	12	12	12
Puncture Strength	ASTM-D4833	N (lb)	400 (90)	489 (110)	667 (150)
CBR Puncture*	ASTM-D6241	N (lb)	3110 (700)	3335 (750)	4000 (900)
Mullen Burst	ASTM-D3786	kPa (psi)	2578 (400)	3447 (500)	4137 (600)
Trapezoidal Tear	ASTM-D4533	N (lb)	330 (75)	400 (90)	533 (120)
<b>Hydraulic</b>					
Apparent Opening Size	ASTM-D4751	mm (US Sieve)	0.425 (40)	0.425 (40)	0.425 (40)
Permittivity	ASTM-D4491	sec <sup>-1</sup>	0.05	0.05	0.05
Water Flow Rate	ASTM-D4491	l/m/m <sup>2</sup> (gpm/ft <sup>2</sup> )	160 (4)	160 (4)	160 (4)
<b>Endurance</b>					
UV Resistance	ASTM-D4355	% @ 500 hrs	70	70	70
<b>Packaging</b>					
Roll Width	Measured	m (ft)	3.81 (12.5) 4.57 (15) 5.33 (17.5)	3.81 (12.5) 5.33 (17.5)	3.81 (12.5) 5.33 (17.5) 4.57 (15) 5.33 (17.5)
Roll Length	Measured	m (ft)	131.7 (432) 109.8 (360) 94.2 (309)	109.8 (360) 78.6 (258)	109.8 (360) 120 (394) 91.5 (300) 78.6 (258)

\*Note: Mullen Burst ASTM D3786 and Puncture Strength ASTM D4833 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 D6241. For more information, refer to the ASTM website at [www.astm.org](http://www.astm.org)

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