

# TerraTex® N16E

TerraTex® N16E is a nonwoven geotextile made up of polypropylene fibers. These fibers are needed to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. TerraTex® N16E is manufactured to meet or exceed the following minimum average roll values:

Unless noted otherwise, all values are minimum average roll values (MARV).

PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight <sup>1</sup>	ASTM D5261	16.0 oz/yd <sup>2</sup>	542 g/m <sup>2</sup>
Thickness	ASTM D5199	175 mils	4.45 mm
Grab Tensile	ASTM D4632	425 lbs	1.890 kN
Grab Elongation	ASTM D4632	50 %	50 %
Trapezoid Tear	ASTM D4533	150 lbs	0.667 kN
CBR Puncture	ASTM D6241	1,200 lbs	5.34 kN
Permittivity <sup>1</sup>	ASTM D4491	0.57 sec <sup>-1</sup>	0.57 sec <sup>-1</sup>
Permeability <sup>1</sup>	ASTM D4491	0.25 cm/sec	0.25 cm/sec
Water Flow Rate <sup>1</sup>	ASTM D4491	45 gpm/ft <sup>2</sup>	1,833 Lpm/m <sup>2</sup>
AOS <sup>1, 2</sup>	ASTM D4751	100 US Std. Sieve	0.150 mm
UV Resistance	ASTM D4355	70 % @ 500 hrs	70 % @ 500 hrs

<sup>1</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>2</sup> Value represents maximum average roll value.

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