

# TerraTex® N04E

TerraTex® N04E 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® N04E 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	4.0 oz/yd <sup>2</sup>	135 g/m <sup>2</sup>
Thickness	ASTM D5199	70 mils	1.77 mm
Grab Tensile	ASTM D4632	105 lbs	0.467 kN
Grab Elongation	ASTM D4632	50 %	50 %
Trapezoid Tear	ASTM D4533	45 lbs	0.200 kN
CBR Puncture	ASTM D6241	305 lbs	1.36 kN
Permittivity <sup>1</sup>	ASTM D4491	2.00 sec <sup>-1</sup>	2.00 sec <sup>-1</sup>
Permeability <sup>1</sup>	ASTM D4491	0.30 cm/sec	0.30 cm/sec
Water Flow Rate <sup>1</sup>	ASTM D4491	160 gpm/ft <sup>2</sup>	6,518 Lpm/m <sup>2</sup>
AOS <sup>1, 2</sup>	ASTM D4751	70 US Std. Sieve	0.212 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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