

TerraTex® N14E Bond Breaker

TerraTex® N14E Bond Breaker 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® N14E Bond Breaker 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 (Typical) ¹	ASTM D5261	13.3 - 16.2 oz/yd ²	450 - 550 g/m ²
Wide Width Tensile	ASTM D4595	685 lbs/ft	10 kN/m
Wide Width Elongation	ASTM D4595	60 %	60 %
Thickness at 2 kPa	ASTM D5199	120 mils	3.0 mm
Thickness at 20 kPa	ASTM D5199	100 mils	2.5 mm
Thickness at 200 kPa	ASTM D5199	40 mils	1.0 mm
Permeability at 20 kPa	ASTM D5493	0.0001 m/s	0.0001 m/s
Hydraulic Conductivity at 20 kPa	ASTM D6543	0.0005 m/s	0.0005 m/s
Hydraulic Conductivity at 200 kPa	ASTM D6543	0.0002 m/s	0.0002 m/s
UV Resistance	ASTM D4355	70 % @ 500 hrs	70 % @ 500 hrs

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

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