

# TerraTex® N12E

TerraTex® environmental nonwoven geotextiles are 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. Unless noted otherwise, all values are minimum average roll values (MARV).

Property	Test Method	English	Metric
Weight <sup>1</sup>	ASTM D5261	12 oz/sy	407 g/m <sup>2</sup>
Thickness <sup>1</sup>	ASTM D5199	120 mils	3.05 mm
Grab Tensile	ASTM D4632	330 lbs	1.47 kN
Grab Elongation	ASTM D4632	50 %	50 %
Trapezoid Tear	ASTM D4533	125 lbs	0.556 kN
CBR Puncture	ASTM D6241	900 lbs	4.0 kN
Permittivity <sup>1</sup>	ASTM D4491	0.90 sec <sup>-1</sup>	0.90 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	70 gpm/sf	2,851 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

1. At the time of manufacturing. Handling, storage, and shipping may change these properties.
2. Value represents maximum average roll value.

**DISCLAIMER:** Descriptions regarding the products described herein are based solely upon information provided by the manufacturer and are provided for informational purposes only. **NOTHING CONTAINED HEREIN SHOULD BE CONSTRUED AS CREATING AN EXPRESSED OR IMPLIED WARRANTY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS, EACH OF WHICH IS HEREBY DISCLAIMED. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The final determination as to the suitability of any product of Hanes Geo Components in any particular application rests solely with the user. Hanes Geo Components reserves the right to alter or modify its products and descriptions at any time without notice.