

TerraTex® N10E

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 ¹ | ASTM D5261 | 10 oz/sy | 339 g/m ² |
| Thickness ¹ | ASTM D5199 | 110 mils | 2.79 mm |
| Grab Tensile | ASTM D4632 | 270 lbs | 1.20 kN |
| Grab Elongation | ASTM D4632 | 50 % | 50 % |
| Trapezoid Tear | ASTM D4533 | 100 lbs | 0.44 kN |
| CBR Puncture | ASTM D6241 | 725 lbs | 3.22 kN |
| Permittivity ¹ | ASTM D4491 | 0.94 sec ⁻¹ | 0.94 sec ⁻¹ |
| Permeability ¹ | ASTM D4491 | 0.30 cm/sec | 0.30 cm/sec |
| Water Flow Rate ¹ | ASTM D4491 | 75 gpm/sf | 3,055 Lpm/m ² |
| AOS ^{1,2} | 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.

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