

TerraTex® N04E

TerraTex® environmental nonwoven geotextiles are made up of polypropylene fibers. These fibers are needled 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 | 4 oz/yd ² | 135 g/m ² |
| Thickness ¹ | 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 ¹ | ASTM D4491 | 2.0 sec ⁻¹ | 2.0 sec ⁻¹ |
| Permeability ¹ | ASTM D4491 | 0.55 cm/sec | 0.55 cm/sec |
| Water Flow Rate ¹ | ASTM D4491 | 160 gpm/sf | 6,518 Lpm/m ² |
| AOS ¹² | ASTM D4751 | 70 US Std. Sieve | 0.212 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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