

TerraTex® EP-300

TerraTex® EP-300 is a woven monofilament geotextile made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the filaments 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® EP-300 is manufactured to meet or exceed the following minimum average roll values:

| PROPERTY | TEST METHOD | ENGLISH | METRIC |
|------------------------------|-------------|-------------------------------|--------------------------------|
| Grab Tensile | ASTM D4632 | 400 / 355 lbs | 1.780 / 1.491 kN |
| Grab Elongation | ASTM D4632 | 20 / 15 % | 20 / 15 % |
| Wide Width Tensile | ASTM D4595 | 2,760 / 2,700 lbs/ft | 40.300 / 39.400 kN/m |
| Trapezoid Tear | ASTM D4533 | 145 / 125 lbs | 0.645 / 0.556 kN |
| CBR Puncture | ASTM D6241 | 1,250 lbs | 5.563 kN |
| Permittivity ¹ | ASTM D4491 | 1.5 sec⁻¹ | 1.5 sec⁻¹ |
| Water Flow Rate ¹ | ASTM D4491 | 115 gpm/ft² | 4,685 Lpm/m² |
| Percent Open Area | COE 02215 | 8 % | 8 % |
| AOS ^{1, 2} | ASTM D4751 | 30 US Std. Sieve | 0.60 mm |
| UV Resistance | ASTM D4355 | 90 % @ 500 hrs | 90 % @ 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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