

SPECIFICATION SHEET

1600N NON-WOVEN GEOTEXTILE

1600N is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position. 1600N resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

| PROPERTY | TEST METHOD | MARV ENGLISH | MARV METRIC |
|---------------------------|-------------|------------------------|--------------------------|
| Tensile Strength (Grab) | ASTM D4632 | 380 x 380 lbs | 1,690 x 1,690 N |
| Elongation (Grab) | ASTM D4632 | 50% x 50% | 50% x 50% |
| Trapezoidal Tear Strength | ASTM D4533 | 145 x 145 lbs | 644 x 644 N |
| CBR Puncture | ASTM D6241 | 1,025 lbs | 4,561 N |
| UV Resistance (500 hrs) | ASTM D4355 | 70% | 70% |
| Apparent Opening Size* | ASTM D4751 | 100 US Std. Sieve | 0.150 mm |
| Permittivity | ASTM D4491 | 0.7 sec ⁻¹ | 0.7 sec ⁻¹ |
| Water Flow Rate | ASTM D4491 | 50 gpm/ft ² | 2,037 lpm/m ² |

*Maximum Average Roll Value

| PROPERTY | TEST METHOD | TYPICAL ENGLISH | TYPICAL METRIC |
|-----------------|-------------|---------------------|--------------------|
| Roll Dimensions | Measured | 15 ft x 150 ft | 4.6 x 45.75 m |
| Roll Area | Measured | 250 yd ² | 209 m ² |

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