

PRODUCT DATA SHEET

GEOTEX® 250ST

GEOTEX 250ST is a polypropylene woven tape/fibrillated fabric produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The construction of the geotextile makes **GEOTEX 250ST** ideal for soil separation and stabilization and meets AASHTO M288 Class II standards. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX 250ST conforms to the property values listed below.¹ Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

| PROPERTY | TEST METHOD | MARV ² | |
|---|-------------|--------------------------------------|-------------------------------------|
| | | ENGLISH | METRIC |
| Mechanical | | | |
| Tensile Strength (Grab) | ASTM D-4632 | 250 lbs | 1110 N |
| Elongation | ASTM D-4632 | 12 % | 12 % |
| Puncture | ASTM D-4833 | 110 lbs | 489 N |
| CBR Puncture | ASTM D-6241 | 750 lbs | 3335 N |
| Mullen Burst | ASTM D-3786 | 500 psi | 3447 kPa |
| Trapezoidal Tear | ASTM D-4533 | 90 lbs | 400 N |
| Endurance | | | |
| UV Resistance % Retained at 500 hrs | ASTM D-4355 | 70% | 70% |
| Hydraulic | | | |
| Apparent Opening Size (AOS) ³ | ASTM D-4751 | 40 US Std. Sieve | 0.425 mm |
| Permittivity | ASTM D-4491 | 0.05 sec ⁻¹ | 0.05 sec ⁻¹ |
| Water Flow Rate | ASTM D-4491 | 4 gpm/ft ² | 160 l/min/m ² |
| Roll Sizes | | 12.5 ft x 360 ft 17.5 ft x 258 ft | 3.81 m x 109.8 m 5.33 m x 78.6 m |

NOTES:

1. The property values listed above are effective 06/2009 and are subject to change without notice.
2. Values reported in weaker principal direction. All values listed are Minimum Average Roll Values (MARV) unless otherwise noted, calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Maximum Average Roll Value (MaxARV) is calculated as typical plus two standard deviations.
3. Maximum average roll value.



THE ADVANTAGE CREATORS.™

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