

GEOTEX® 250ST is a woven polypropylene geotextile containing heavy woven tape/fibrillated yarns and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX® 250ST ideal for the construction of embankments over soft soils, steepened slopes, and modular block and/or wrapped-face retaining walls. 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 below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). This product is NTPEP tested for AASHTO standards.

| PROPERTY | TEST METHOD | MARV ² | |
|--|-------------|------------------------|--------------------------|
| | | ENGLISH | METRIC |
| MECHANICAL | | | |
| Grab Tensile Strength | ASTM D-4632 | 250 lbs | 1112 N |
| Grab Elongation | ASTM D-4632 | 15% | 15% |
| CBR Puncture | ASTM D-6241 | 750 lbs | 3336 N |
| Trapezoidal Tear | ASTM D-4533 | 90 lbs | 400 N |
| ENDURANCE | | | |
| UV Resistance 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 | 163 l/min/m ² |
| ROLL SIZES ⁴ | | 12.5 ft x 360 ft | 3.81 m x 109.7 m |
| | | 17.5 ft x 258 ft | 5.34 m x 78.6 m |

NOTES:

1. The property values listed above are effective 12/17/2018 and are subject to change without notice.
2. Values shown are in weaker principal direction. Minimum average roll values (MARV) are 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. Values represent testing at time of manufacture.
3. Maximum average roll value.
4. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.