

GEOTEX[®] 200ST is a woven polypropylene geotextile containing heavy woven flat tape yarns produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX[®] 200ST 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[®] 200ST 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 approved for AASHTO standards.

MARV²

| PROPERTY | TEST METHOD | ENGLISH | METRIC |
|--|-------------|------------------------|--------------------------|
| MECHANICAL | | | |
| Grab Tensile Strength | ASTM D-4632 | 200 lbs | 890 N |
| Grab Elongation | ASTM D-4632 | 15% | 15% |
| CBR Puncture | ASTM D-6241 | 700 lbs | 3114 N |
| Trapezoidal Tear | ASTM D-4533 | 75 lbs | 334 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 432 ft | 3.81 m x 131.7 m |
| | | 15.0 ft x 360 ft | 4.57 m x 109.7 m |
| | | 17.5 ft x 309 ft | 5.33 m x 94.2 m |

NOTES:

1. The property values listed above are effective 04/03/2017 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.
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.