

PRODUCT DATA SHEET

GEOTEX® 200ST

GEOTEX 200ST is a woven slit film geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The individual slit films are woven together in such a manner as to provide dimensional stability relative to each other. The construction of the geotextile makes **GEOTEX 200ST** ideal for soil separation and stabilization and meets AASHTO M288 Class III standards. 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 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	200 lbs	890 N
Elongation	ASTM D-4632	12 %	12 %
Puncture	ASTM D-4833	90 lbs	400 N
CBR Puncture	ASTM D-6241	700 lbs	3110 N
Mullen Burst	ASTM D-3786	400 psi	2578 kPa
Trapezoidal Tear	ASTM D-4533	75 lbs	330 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 432 ft 15.0 ft x 360 ft 17.5 ft x 309 ft	3.81 m x 131.7 m 4.57 m x 109.8 m 5.33 m x 94.2 m

NOTES:

- The property values listed above are effective 06/2009 and are subject to change without notice.
- 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. Maximum Average Roll Value (MaxARV) is calculated as typical plus two standard deviations.



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