

PRODUCT DATA SHEET

GEOTEX® 135ST

GEOTEX 135ST 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 135ST** ideal for soil separation and stabilization. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX 135ST 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	135 lbs	600 N
Elongation	ASTM D-4632	15%	15%
Puncture	ASTM D-4833	65 lbs	285 N
Mullen Burst	ASTM D-3786	325 psi	2240 kPa
Trapezoidal Tear	ASTM D-4533	55 lbs	244 N
Endurance			
UV Resistance	ASTM D-4355	70%	70%
Hydraulic			
Apparent Opening Size (AOS) ³	ASTM D-4751	30 US Std. Sieve	0.600 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	3.81 m x 131.7 m
		15.0 ft x 360 ft	4.57 m x 109.8 m
		17.5 ft x 360 ft	5.33 m x 109.8 m

NOTES:

1. The property values listed above are effective 08/2006 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.



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