

PRODUCT DATA SHEET

GEOTEX® 315ST

GEOTEX 315ST 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 315ST** ideal for soil separation and stabilization and meets AASHTO M288 Class I standards. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX 315ST 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	315 lbs	1400 N
Elongation	ASTM D-4632	12 %	12 %
Puncture	ASTM D-4833	150 lbs	667 N
CBR Puncture	ASTM D-6241	900 lbs	4000 N
Mullen Burst	ASTM D-3786	600 psi	4137 kPa
Trapezoidal Tear	ASTM D-4533	113 lbs	503 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	3.81 m x 109.8 m
		15.0 ft x 300 ft	4.57 m x 91.5 m
		17.5 ft x 258 ft	5.33 m x 78.6 m

NOTES:

1. The property values listed above are effective 07/2008 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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