

GEOTEX® **501** is a polypropylene, staple fiber, needlepunched nonwoven geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX 501 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).

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TEST METHOD	ENGLISH	METRIC
% U.S. Manufactured Inputs		100%
	100%	100%
ASTM D-4632	150 lbs	667 N
ASTM D-4632	50%	50%
ASTM D-6241	360 lbs	1602 N
ASTM D-4533	60 lbs	267 N
ASTM D-4355	70%	70%
ASTM D-4751	70 US Std. Sieve	0.212 mm
ASTM D-4491	1.4 sec ⁻¹	1.4 sec ⁻¹
ASTM D-4491	115 gpm/ft ²	4686 l/min/m ²
	15 ft x 360 ft	4.57 m x 109.8 m
	ASTM D-4632 ASTM D-4632 ASTM D-6241 ASTM D-4533 ASTM D-4355 ASTM D-4751 ASTM D-4491	100% 100% 100% 100% 100% 100% 100% 100% 100% 100% 150 lbs 150 lbs 150 lbs 160 lbs 160 lbs 160 lbs 160 lbs 160 lbs 160 lbs 160 lbs

NOTES

- 1. The property values listed above are effective 04/2011 and are subject to change without notice.
- 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.



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