



**GEOTEX**<sup>®</sup> **1601** 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 1601** conforms to the property values listed below<sup>1</sup>. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

	MARV <sup>2</sup>	
TEST METHOD	ENGLISH	METRIC
·	· · · · · ·	
	100%	100%
	100%	100%
ASTM D-4632	380 lbs	1691 N
ASTM D-4632	50%	50%
ASTM D-6241	1025 lbs	4561 N
ASTM D-4533	150 lbs	667 N
ASTM D-4355	70%	70%
ASTM D-4751	100 US Std. Sieve	0.150 mm
ASTM D-4491	0.7 sec <sup>-1</sup>	0.7 sec <sup>-1</sup>
ASTM D-4491	50 gpm/ft <sup>2</sup>	2037 l/min/m <sup>2</sup>
	15 ft x 300 ft	4.57 m x 91.5 m
	ASTM D-4632 ASTM D-4632 ASTM D-6241 ASTM D-4533 ASTM D-4355 ASTM D-4355 ASTM D-4751 ASTM D-4491	TEST METHOD ENGLISH   100% 100%   ASTM D-4632 380 lbs   ASTM D-4632 50%   ASTM D-6241 1025 lbs   ASTM D-4533 150 lbs   ASTM D-4355 70%   ASTM D-4751 100 US Std. Sieve   ASTM D-4491 0.7 sec <sup>-1</sup>

NOTES:

1. The property values listed above are effective 04/2011 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.



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