

GEOTEX<sup>®</sup> 1101 is a polypropylene, staple fiber, needle-punched 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 needed 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<sup>®</sup> 1101 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). This product is NTPEP approved for AASHTO standards.

MARV<sup>2</sup>

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>ORIGIN OF MATERIALS</b>			
% U.S. Manufactured		100%	100%
<b>MECHANICAL</b>			
Grab Tensile Strength	ASTM D-4632	270 lbs	1201 N
Grab Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	725 lbs	3225 N
Trapezoidal Tear	ASTM D-4533	100 lbs	445 N
<b>ENDURANCE</b>			
UV Resistance at 500 hrs	ASTM D-4355	70%	70%
<b>HYDRAULIC</b>			
Apparent Opening Size (AOS) <sup>3</sup>	ASTM D-4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D-4491	1.2 sec <sup>-1</sup>	1.2 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	85 gpm/ft <sup>2</sup>	3463 l/min/m <sup>2</sup>
<b>ROLL SIZES<sup>4</sup></b>		15 ft x 300 ft	4.57 m x 91.5 m

#### NOTES:

1. The property values listed above are effective 04/03/2017 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.
4. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.



PO Box 87380  
Carol Stream, IL 60188  
630.293.3111

[www.roadfabrics.com](http://www.roadfabrics.com)

ENGINEERED EARTH SOLUTIONS<sup>™</sup>

[www.propexglobal.com](http://www.propexglobal.com)

ARMORMAX<sup>®</sup>, PYRAMAT<sup>®</sup>, LANDLOK<sup>®</sup>, X3<sup>®</sup>, GEOTEX<sup>®</sup>, PETROMAT<sup>®</sup>, PETROTAC<sup>®</sup>, REFLECTEX<sup>®</sup>, and GRIDPRO<sup>™</sup> are registered trademarks of Propex Operating Company, LLC.

This publication should not be construed as engineering advice. While information contained in this publication is accurate to the best of our knowledge, Propex does not warrant its accuracy or completeness. The ultimate customer and user of the products should assume sole responsibility for the final determination of the suitability of the information and the products for the contemplated and actual use. The only warranty made by Propex for its products is set forth in our product data sheets for the product, or such other written warranty as may be agreed by Propex and individual customers. Propex specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.