

GEOTEX® 2X2HF is a woven polypropylene geotextile containing heavy woven monofilament/fibrillated yarns and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX® 2X2HF ideal for the construction of embankments over soft soils, steepened slopes, and modular block and/or wrapped-face retaining walls. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX® 2X2HF 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). This product is NTPEP tested for AASHTO standards.

MARV²

PROPERTY	TEST METHOD	ENGLISH	METRIC
MECHANICAL			
Wide Width Tensile	ASTM D-4595	2640 x 2460 lbs/ft	38.5 x 35.9 kN/m
Wide Width Tensile at 2% Strain	ASTM D-4595	504 x 600 lbs/ft	7.4 x 8.8 kN/m
Wide Width Tensile at 5% Strain	ASTM D-4595	1272 x 1440 lbs/ft	18.6 x 21 kN/m
CBR Puncture	ASTM D-6241	1000 lbs	4448 N
Trapezoidal Tear	ASTM D-4533	130 x 100 lbs	578 x 445 N
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	80%	80%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	30 US Std. Sieve	0.600 mm
Permittivity	ASTM D-4491	0.60 sec ⁻¹	0.60 sec ⁻¹
Water Flow Rate	ASTM D-4491	40 gpm/ft ²	1630 l/min/m ²
ROLL SIZES⁴		15.0 ft x 300 ft	4.6 m x 91.5 m

NOTES:

1. The property values listed above are effective 12/17/2018 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. Values represent testing at time of manufacture.
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

ENGINEERED EARTH SOLUTIONS™

www.propexglobal.com

Propex Operating Company, LLC · 4019 Industry Drive Chattanooga, TN 37416 · ph 800 621 1273 · ph 423 855 1466

ARMORMAX®, PYRAMAT®, LANDLOK®, X3®, PYRAWALL®, SCOURLOK®, GEOTEX®, PETROMAT®, PETROTAC®, REFLECTEX®, and GRIDPRO™ 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.