

Las mejores soluciones para ingeniería, alta calidad y el mejor servicio

GEOTEX® 2X2HF is a woven polypropylene geotextile containing heavy woven monofilament/fibrillated yarns produced by Propex, 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 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).

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>ORIGIN OF MATERIALS</b>			
% U.S. Manufactured		100%	MARV <sup>2</sup> 100%
<b>MECHANICAL</b>			
Wide Width Tensile	ASTM D-4595	2640 x 2460 lbs/ft	38.5 x 35.9 kN/m
Wide Width Elongation	ASTM D-4595	7 x 7 %	7 x 7 %
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	110 x 130 lbs	489 x 578 N
<b>ENDURANCE</b>			
UV Resistance at 500 hrs	ASTM D-4355	80%	80%
<b>HYDRAULIC</b>			
Apparent Opening Size (AOS) <sup>3</sup>	ASTM D-4751	30 US Std. Sieve	0.600 mm
Permittivity	ASTM D-4491	0.60 sec <sup>1</sup>	0.60 sec <sup>1</sup>
Water Flow Rate	ASTM D-4491	40 gpm/ft <sup>2</sup>	1630 l/min/m <sup>2</sup>
ROLL SIZES <sup>4</sup>		15.0 ft x 300 ft	4.6 m x 91.5 m

#### NOTES

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

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