

Product Data

GEOTEX® 2X2HF

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.

		MARV ²	
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/m²
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.



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 $ARMORMAX^{@}, PYRAMAT^{@}, LANDLOK^{@}, X3^{@}, PYRAWALL^{@}, SCOURLOK^{@}, GEOTEX^{@}, PETROMAT^{@}, PETROTAC^{@}, REFLECTEX^{@}, and GRIDPRO^{TM} are registered trademarks of Propex Operating Company, LLC. \\$

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