

Product Data

GEOTEX® 3X3HF

GEOTEX® 3X3HF 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® 3X3HF 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® 3X3HF 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	3600 x 3600 lbs/ft	52.5 x 52.5 kN/m
Wide Width Tensile at 2% Strain	ASTM D-4595	480 x 420 lbs/ft	7 x 6.1 kN/m
Wide Width Tensile at 5% Strain	ASTM D-4595	1392 x 1740 lbs/ft	20.3 x 25.4 kN/m
CBR Puncture	ASTM D-6241	1600 lbs	7117 N
Trapezoidal Tear	ASTM D-4533	180 x 140 lbs	801 x 623 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	0.52 sec ⁻¹	0.52 sec ⁻¹
Water Flow Rate	ASTM D-4491	40 gpm/ft ²	1630 l/min/m²
ROLL SIZES ⁴		15.0 ft x 300 ft	4.57 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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