



GEOTEX 2X2HF is a woven polypropylene geotextile containing heavy woven monofilament/fibrillated yarns produced by Propex, and will meet the following typical values 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.¹ Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Typical²

PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Wide Width Tensile	ASTM D-4595	2640 x 2460 lbs/ft	38.5 x 36.0 kN/m
Wide Width Elongation	ASTM D-4595	7%	7%
Wide Width Tensile at 2% Strain	ASTM D-4595	480 x 588 lbs/ft	7.0 x 8.6 kN/m
Wide Width Tensile at 5% Strain	ASTM D-4595	1212 x 1356 lbs/ft	17.7 x 19.8 kN/m
Wide Width Tensile at 10% Strain	ASTM D-4595	2340 x 2412 lbs/ft	34.2 x 35.2 kN/m
CBR Puncture	ASTM D-6241	1300 lbs	5783 N
Trapezoidal Tear	ASTM D-4533	125 lbs	556 N
ENDURANCE			
UV Resistance % Retained 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	0.70 sec ⁻¹	0.70 sec ⁻¹
Water Flow Rate	ASTM D-4491	50 gpm/ft ²	2037 lpm/m ²
ROLL SIZES			
		15.0 ft x 300 ft	4.6 m x 91.5 m

NOTES:

1. The property values listed above are effective 04/2013 and are subject to change without notice.
2. Values shown are in weaker principal direction.



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