

Product Data

GEOTEX® 4X6

GEOTEX® 4X6 is a woven polypropylene geotextile containing heavy woven monofilament/serrated yarns and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX® 4X6 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® 4X6 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
ORIGIN OF MATERIALS			•
% U.S. Manufactured		100%	100%
MECHANICAL			
Wide Width Tensile	ASTM D-4595	5400 x 7500 lbs/ft	78.8 x 109.5 kN/m
Wide Width Tensile at 5% Strain	ASTM D-4595	1200 x 4200 lbs/ft	17.5 x 61.3 kN/m
CBR Puncture	ASTM D-6241	2000 lbs	8896 N
Trapezoidal Tear	ASTM D-4533	180 x 270 lbs	801 x 1201 N
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	0.26 sec ⁻¹	0.26 sec ⁻¹
Water Flow Rate	ASTM D-4491	20 gpm/ft ²	815 l/min/m ²
ROLL SIZES ⁴		15.0 ft x Custom	4.6 m x Custom

NOTES:

- 1. The property values listed above are effective 05/27/2020 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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