

PRODUCT DATA SHEET

GEOTEX® 4x4

GEOTEX 4X4 is a woven polypropylene geotextile containing heavy woven tape/fibrillated fabric 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 4X4** 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 for normally found in soils.

GEOTEX 4x4 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).

PROPERTY	TEST METHOD	MARV ²	
		ENGLISH	METRIC
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	600 x 500 lbs/ft	2670 x 2220 N
Elongation	ASTM D-4632	15 x 15%	15 x 15%
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Elongation	ASTM D-4595	10 x 8%	10 x 8%
Puncture	ASTM D-4833	180 lbs	800 N
Mullen Burst	ASTM D-3786	1350 psi	9300 kPa
Trapezoidal Tear	ASTM D-4533	250 lbs	1110 N
Endurance			
UV Resistance	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	0.15 sec ⁻¹	0.15 sec ⁻¹
Water Flow Rate	ASTM D-4491	10 gpm/ft ²	405 l/min/m ²
Roll Sizes		12.5 ft x 216 ft	3.81 m x 65.8 m
		15.0 ft x 180 ft	4.57 m x 54.9 m
		18.0 x 150 ft	5.48 m x 45.7 m

NOTES:

1. The property values listed above are effective 08/2006 and are subject to change without notice.
2. Values for machine (warp) and cross-machine (fill), respectively, under dry or saturated conditions. 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.
3. Maximum average roll value.



THE ADVANTAGE CREATORS.™

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