

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.