

GEOTEX® Earthscope is a gray polypropylene ground cover landscape fabric designed for weed control produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The fibers are needed to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to biological and chemical environments normally found in soils.

GEOTEX® Earthscope 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).

PROPERTY	TEST METHOD	ENGLISH	METRIC
MARV ²			
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	60 lbs x 70 lbs	267 N x 311 N
Grab Elongation	ASTM D-4632	35%	35%
Mullen Burst	ASTM D-3786	140	965
Puncture	ASTM D-4833	35 lbs	156 N
Trapezoidal Tear	ASTM D-4533	20 lbs x 25 lbs	89 N x 111 N
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	50 US Std. Sieve	0.300 mm
Permittivity	ASTM D-4491	1.0 sec ⁻¹	1.0 sec ⁻¹
Water Flow Rate	ASTM D-4491	80 gpm/ft ²	3260 l/min/m ²
ROLL SIZES⁴		3 ft x 300 ft 6 ft x 300 ft	0.91 m x 91.4 m 1.82 m x 91.4 m

NOTES:

- The property values listed above are effective 12/17/2018 and are subject to change without notice.
- 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.
- Maximum average roll value.
- Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.