

GEOTEX® 4010R is an orange polypropylene, staple fiber, needle-punched nonwoven geotextile produced by Propex, and will meet the following Typical Values 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® 4010R 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).

Typical²

PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	120 lbs	534 N
Grab Elongation	ASTM D-4632	70%	70%
CBR Puncture	ASTM D-6241	310 lbs	1379 N
Trapezoidal Tear	ASTM D-4533	50 lbs	222 N
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D-4491	2.0 sec ⁻¹	2.0 sec ⁻¹
Water Flow Rate	ASTM D-4491	150 gpm/ft ²	6112 l/min/m ²
ROLL SIZES³		15 ft x 360 ft	4.57 m x 109.8 m

NOTES:

1. The property values listed above are effective 12/17/2018 and are subject to change without notice.
2. Values shown are in weaker principal direction. All values are typical based on the testign listed in the table. Values represent testing at time of manufacture.
3. 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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