

## **Product Data**

GEOTEX® 4010R

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 needled 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 below<sup>1</sup>. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

		Typical <sup>2</sup>	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MECHANICAL		,	<del>,</del>
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) <sup>3</sup>	ASTM D-4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D-4491	2.4 sec <sup>-1</sup>	2.4 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	175 gpm/ft²	7130 l/min/m <sup>2</sup>
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ROLL SIZES <sup>3</sup>	•	15 ft x 360 ft	4.57 m x 109.8 m

## NOTES:

- 1. The property values listed above are effective 4/6/20210 and are subject to change without notice.
- 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.



ENGINEERED EARTH SOLUTIONS<sup>TM</sup>

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