

## **Product Data**

GEOTEX® 8010R

GEOTEX® 8010R 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® 801OR 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).

		Typical <sup>2</sup>	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS	•		
% U.S. Manufactured		100%	100%
MECHANICAL			•
Grab Tensile Strength	ASTM D-4632	240 lbs	1068 N
Grab Elongation	ASTM D-4632	70%	70%
CBR Puncture	ASTM D-6241	650 lbs	2891 N
Trapezoidal Tear	ASTM D-4533	95 lbs	423 N
HYDRAULIC	•		
Apparent Opening Size (AOS) <sup>3</sup>	ASTM D-4751	80 US Std. Sieve	0.180 mm
Permittivity	ASTM D-4491	1.7 sec <sup>-1</sup>	1.7 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	110 gpm/ft <sup>2</sup>	4482 l/min/m <sup>2</sup>
	•	•	•
ROLL SIZES <sup>3</sup>		15 ft x 300 ft	4.57 m x 91.5 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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