

Product Data

GEOTEX® 3110R

GEOTEX® 3110R is an orange polypropylene, staple fiber, needle-punched nonwoven geotextile 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 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® 311OR 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).

		$MARV^2$	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS	•		
% U.S. Manufactured		100%	100%
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	80 lbs	356 N
Grab Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	210 lbs	934 N
Trapezoidal Tear	ASTM D-4533	30 lbs	133 N
HYDRAULIC			-
Apparent Opening Size (AOS) ³	ASTM D-4751	50 US Std. Sieve	0.300 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 SIZES ³		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. 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.



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