

GEOTEX<sup>®</sup> 315ST is a woven polypropylene geotextile containing heavy woven tape/fibrillated yarns produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make GEOTEX<sup>®</sup> 315ST ideal for the construction of embankments over soft soils, steepened slopes, and modular block and/or wrapped-face retaining walls. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX<sup>®</sup> 315ST 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). This product is NTPEP approved for AASHTO standards.

MARV<sup>2</sup>

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>MECHANICAL</b>			
Grab Tensile Strength	ASTM D-4632	315 lbs	1401 N
Grab Elongation	ASTM D-4632	15%	15%
CBR Puncture	ASTM D-6241	900 lbs	4003 N
Trapezoidal Tear	ASTM D-4533	113 lbs	503 N
<b>ENDURANCE</b>			
UV Resistance at 500 hrs	ASTM D-4355	70%	70%
<b>HYDRAULIC</b>			
Apparent Opening Size (AOS) <sup>3</sup>	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	4 gpm/ft <sup>2</sup>	163 l/min/m <sup>2</sup>
ROLL SIZES <sup>4</sup>		12.5 ft x 360 ft	3.8 m x 109.8 m
		15.0 ft x 300 ft	4.6 m x 91.5 m
		17.5 ft x 258 ft	5.3 m x 78.6 m

#### NOTES:

- The property values listed above are effective 04/03/2017 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.
- 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.



ENGINEERED EARTH SOLUTIONS<sup>™</sup>

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