

GEOTEX[®] 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[®] 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[®] 315ST 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). This product is NTPEP approved for AASHTO standards.

MARV²

PROPERTY	TEST METHOD	ENGLISH	METRIC
MECHANICAL			
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
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate	ASTM D-4491	4 gpm/ft ²	163 l/min/m ²
ROLL SIZES ⁴		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 03/05/2018 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. Values represent testing at time of manufacture.
- 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.