

# TE-W315

## WOVEN GEOTEXTILE



TE-W315 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. TE-W315 resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	MARV VALUE ENGLISH (METRIC)
Grab Tensile	ASTM D 4632	lbs (N)	315 (1400)
Grab Elongation	ASTM D 4632	%	15
Trapezoidal Tear	ASTM D 4533	lbs (N)	113 (503)
CBR Puncture Resistance	ASTM D 6241	lbs (N)	900 (4005)
Permittivity*	ASTM D 4491	l/sec	0.05
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	4 (163)
Apparent Opening Size (AOS)	ASTM D 4751	U.S. Sieve (mm)	40 (.425)
U.V. Resistance	ASTM D 4355	%/hrs	70/500
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		ft	12.5 x 360 15 x 300 17.5 x 258
Roll Area		yd <sup>2</sup>	500
Estimated Roll Weight		lbs	310

**NOTES:**

MARV. Minimum Average Roll Value.

Maximum average roll value ASTM D 4751- AOS.

Mullen Burst ASTM D 3768 has been removed. It is not recognized by ASTM D 35 on Geosynthetics.

Puncture ASTM D 4833 has been removed, it is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D 6241.

Titan Environmental warrants that the geotextile furnished hereunder shall conform to the specification stated herein. Any other warranty including merchantability and fitness for a particular purpose are hereby excluded. If the geotextile does not meet the specification on this page and is notified prior to installation Titan Environmental will replace the geotextile at no additional cost to the customer. The geotextile specified herein has not been tested, calibrated or validated in relation to any design methodology for either unpaved roads or flexible pavements. Titan Environmental is not responsible for any loss or damage incurred during transit and storage after leaving the manufacturing site. This product specification supersedes all prior specifications for the product described above and is not applicable to any products shipped prior to November 15, 2020.

### TITAN ENVIRONMENTAL CONTAINMENT

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