



LM315 Specification Sheet

315 lb. Woven Stabilization Geotextile Fabric

This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. We certify that LM 315 meets the following minimum average roll values:

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Grab Tensile	ASTM-D-4632	315 lbs	1400 kN
Grab Elongation	ASTM-D-4632	15%	15%
Wide Width Tensile	ASTM-D-4595	175/175lb/in	30.7/30.7kN/m
Mullen Burst	ASTM-D-3786	600 psi	4137 kpa
Puncture	ASTM-D-4833	150 lbs	667 kN
CBR Puncture	ASTM-D-6241	1000 lbs	4.45 kN
Trapezoidal Tear	ASTM-D-4533	120 lbs	533 kN
UV Resistance	ASTM-D-4355	70%	70%
AOS	ASTM-D-4751	40 Sieve	0.425 mm
Permittivity	ASTM-D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Flow Rate	ASTM-D-4491	4 gpm/sq.ft.	160 l/min/m ²

Unless otherwise noted, this certification is based on testing conducted by our Quality Assurance & Quality Control testing laboratories at the time of manufacturing. Granite Environmental offers this letter of certification to indicate our commitment to providing our customers with a quality product which will meet or exceed the minimum average roll values in accordance with the applicable American Society for Testing and Materials (ASTM) test method.

