



VODALAND

REINVENTING THE ENVIRONMENT

N-250

Vodalands 8oz heavy duty geo textile is tough and durable, non-woven fabrics are produced to be high-strength. Non-woven geo textiles are multi-purpose fabrics that are felt-like in appearance. Can be used for asphalt overlay, paver walkways, cow carpet, or railroad tracks. All products produced by Vodaland in our textile arrangement are NTPEP certified and meets the requirements per all ASHTO standards. All ASTM tests done with United States standards.

Fabric Property	Test Method	English	Metric
Mass Per Unit	ASTM D 5261	8oz/yd ²	264g/m ²
Grab Tensile Strength	ASTM D 4632	112lbs.	0.498 kN
Grab Elongation	ASTM D 4632	108%	108%
Trapezoid Tear Strength	ASTM D 4533	53.5lbs.	0.237kN
CBR Puncture Resistance	ASTM D 6241	307lbs	1.365kN
Permittivity	ASTM D 4491	1.45 sec	1.45 sec
Permeability	ASTM D 4491	0.343 cm/sec	0.00343 / meter / sec
Water Flow Rate	ASTM D 4491	109.2 gpm/ft ²	413.36 lpm/m ²
Apparent Opening Size	ASTM D 4751	140 Std U.S - Sieve	0.105 mm
Puncture	ASTM D 4833	77.1lbs.	34.972 kN
UV Resistance	ASTM D4355/ D4355M-21	76% /500 hrs.	76% /500 hrs.
Nominal Thickness	ASTM D 5199	98.4 mils	98.4 mils

All tests and statements are registered with Vodaland USA. If you ever have any questions regarding our tests or our geo textiles, please immediately reach out to us at 314-717-1551 or at our website at vodaland-usa.com