

SPECIFICATION SHEET

800N NON-WOVEN GEOTEXTILE

800N needle-punched nonwoven geotextile is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position. 800N needle-punched nonwoven geotextile resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	205 x 205 lbs	912 x 912 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	80 x 80 lbs	356 x 356 N
CBR Puncture	ASTM D6241	525 lbs	2,336 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	80 US Std. Sieve	0.18 mm
Filtration Opening Size	CAN/CGSB-148.1 N°10-94		0.64 mm
Permittivity	ASTM D4491	1.3 sec ⁻¹	1.3 sec ⁻¹
Water Flow Rate	ASTM D4491	90 gpm/ft ²	3,667 lpm/m ²

*Maximum Average Roll Value

- Filtration Opening Size (FOS) tested by CTT Group.

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 300 ft	4.6 x 91.4 m
Roll Area	Measured	500 yd ²	418 m ²

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