

## SPECIFICATION SHEET

# 800NE NON-WOVEN GEOTEXTILE

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

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Weight	ASTM D5261	8.0 oz/yd <sup>2</sup>	272 g/m <sup>2</sup>
Thickness	ASTM D5199	100 mils	2.5 mm
Tensile Strength (Grab)	ASTM D4632	225 x 225 lbs	1,001 x 1,001 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	90 x 90 lbs	400 x 400 N
CBR Puncture	ASTM D6241	600 lbs	2,669 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	80 US Std. Sieve	0.180 mm
Permittivity	ASTM D4491	1.26 sec <sup>-1</sup>	1.26 sec <sup>-1</sup>
Permeability	ASTM D4491	.30 cm/sec	.30 cm/sec
Water Flow Rate	ASTM D4491	100 gpm/ft <sup>2</sup>	4,074 lpm/m <sup>2</sup>

\*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 300 ft	4.6 x 91.5 m
Roll Area	Measured	500 yd <sup>2</sup>	418 m <sup>2</sup>

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