

SPECIFICATION SHEET

1000NE NON-WOVEN GEOTEXTILE

1000NE is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position. 1000NE 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	10.0 oz/yd ²	339 g/m ²
Thickness	ASTM D5199	110 mils	2.79 mm
Tensile Strength (Grab)	ASTM D4632	270 x 270 lbs	1,201 x 1,201 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	100 x 100 lbs	444 x 444 N
CBR Puncture	ASTM D6241	725 lbs	3,225 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	0.94 sec ⁻¹	0.94 sec ⁻¹
Permeability	ASTM D4491	.30 cm/sec	.30 cm/sec
Water Flow Rate	ASTM D4491	75 gpm/ft ²	3,055 lpm/m ²

*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 ²	418 m ²

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02/11/2020