



PRODUCT DATA SHEET
WINFAB® 1000NE
WINFAB® 1000NE-USA

WINFAB® 1000NE & WINFAB® 1000NE-USA 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.



WINFAB® 1000NE & WINFAB® 1000NE-USA 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
Weight	ASTM D5261	10.0 oz/yd ²	339 g/m ²
Thickness	ASTM D5199	110 mils	2.79 mm
Grab Tensile Strength	ASTM D4632	270 x 270 lbs	1201 x 1201 N
Grab Elongation	ASTM D4632	50% x 50%	50% x 50%
Trapezoid Tear Strength	ASTM D4533	100 x 100 lbs	445 x 445 N
CBR Puncture Strength	ASTM D6241	725 lbs	3225 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	0.30 cm/sec ⁻¹	0.30 cm/sec ⁻¹
Water Flow Rate	ASTM D4491	75 gpm/ft ²	3055 lpm/m ²

*Maximum Average Roll Value

Domestic Procurement Preference

WINFAB® 1000NE-USA is compliant with the Build America, Buy America (BABA) Act, Pub. L. No. 117-58, div. G §§ 70901-52. To ensure BABA documentation is appropriately captured and maintained throughout the manufacturing process, BABA (along with any other regulatory requirements) must be specified at the time of quotation and order to WINFAB. The inclusion of a “-USA” suffix on the end of the style name indicates the product is BABA certifiable.

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 570 ft	4.6 m x 173 m
Roll Area	Measured	950 yd ²	796 m ²

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