



PRODUCT DATA SHEET
WINFAB® 800NE
WINFAB® 800NE-USA

WINFAB® 800NE & WINFAB® 800NE-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® 800NE & WINFAB® 800NE-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	8.0 oz/yd ²	272 g/m ²
Thickness	ASTM D5199	100 mils	2.5 mm
Grab Tensile Strength	ASTM D4632	225 x 225 lbs	1001 x 1001 N
Grab Tensile Elongation	ASTM D4632	50% x 50%	50% x 50%
Trapezoid Tear Strength	ASTM D4533	90 x 90 lbs	400 x 400 N
CBR Puncture Strength	ASTM D6241	600 lbs	2669 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 ⁻¹	1.26 sec ⁻¹
Permeability	ASTM D4491	0.30 cm/sec ⁻¹	0.30 cm/sec ⁻¹
Water Flow Rate	ASTM D4491	100 gpm/ft ²	4074 lpm/m ²

*Maximum Average Roll Value

Domestic Procurement Preference

WINFAB® 800NE-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 690 ft	4.6 m x 210.3 m
Roll Area	Measured	1150 yd ²	963 m ²

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