



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

WINFAB® 800N & WINFAB® 800N-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® 800N & WINFAB® 800N-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
Grab Tensile Strength	ASTM D4632	205 x 205 lbs	912 x 912 N
Grab Elongation	ASTM D4632	50% x 50%	50% x 50%
Trapezoid Tear Strength	ASTM D4533	80 x 80 lbs	356 x 356 N
CBR Puncture Strength	ASTM D6241	525 lbs	2336 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	80 US Std. Sieve	0.18 mm
Permittivity	ASTM D4491	1.3 sec ⁻¹	1.3 sec ⁻¹
Water Flow Rate	ASTM D4491	90 gpm/ft ²	3667 lpm/m ²

*Maximum Average Roll Value

Domestic Procurement Preference

WINFAB® 800N-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	12.5 ft x 360 ft 15 ft x 300 ft	3.8 m x 110 m 4.6 m x 91.4 m
Roll Area	Measured	500 yd ²	418 m ²

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