



PRODUCT DATA SHEET

WINFAB® 1000N

WINFAB® 1000N-USA

WINFAB® 1000N & WINFAB® 1000N-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® 1000N & WINFAB® 1000N-USA needle-punched nonwoven geotextile resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.



DRAINAGE



FILTRATION



SEPARATION

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Grab Tensile Strength	ASTM D4632	250 x 250 lbs	1113 x 1113 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	700 lbs	3113 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	1.2 sec ⁻¹	1.2 sec ⁻¹
Water Flow Rate	ASTM D4491	85 gpm/ft ²	3454 lpm/m ²

*Maximum Average Roll Value

Domestic Procurement Preference

WINFAB® 1000N-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 300 ft	4.6 m x 91.4 m
Roll Area	Measured	500 yd ²	418 m ²

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