

**REINFORCING
SUCCESS**

(317) 346-4110
www.drainagesolutionsinc.com



WINFAB® 1600N 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® 1600N 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
Tensile Strength (Grab)	ASTM D4632	380 x 380 lbs	1,690 x 1,690 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	145 x 145 lbs	644 x 644 N
CBR Puncture	ASTM D6241	1,025 lbs	4,561 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	0.7 sec ⁻¹	0.7 sec ⁻¹
Water Flow Rate	ASTM D4491	50 gpm/ft ²	2,037 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 150 ft	4.6 x 45.75 m
Roll Area	Measured	250 yd ²	209 m ²

Disclaimer: WINFAB assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. WINFAB disclaims any and all implied, expressed, or statutory standards, guarantees, or warranties. This includes without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information and product. The property values listed above are subject to change without notice.

WINFAB® &  are trademarks of Willacoochee Industrial Fabrics, Inc.

©2021 Willacoochee Industrial Fabrics Inc.

WINFAB | www.winfabusa.com

1 Nashville Mills Rd. Nashville GA 31639
Ph: (912) 534-5757 • Fax: (912) 534-5533

