

WINFAB 2x2HF



WINFAB 2x2HF is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

WINFAB 2x2HF 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 D-4632	315 x 315 lbs	1402 x 1402 N
Elongation	ASTM D-4632	15%	15%
Wide Width Tensile	ASTM D-4595	2400 x 2400 lbs/ft	35 x 35 kN/m
Wide Width Elongation	ASTM D-4595	12 x 8%	12 x 8%
Wide Width Tensile (2% Strain)	ASTM D-4595	240 x 240 lbs/ft	3.5 x 3.5 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	780 x 1404 lbs/ft	11.4 x 20.5 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	1800 x 2520 lbs/ft	26.2 x 36.8 kN/m
CBR Puncture	ASTM D-6241	1400 lbs	6230 N
Trapezoidal Tear	ASTM D-4533	125 x 125 lbs	556 x 556 N
UV Resistance (500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	.70 sec ⁻¹	.70 sec ⁻¹
Water Flow Rate	ASTM D-4491	50 gpm/ft ²	2037 lpm/m ²

*Maximum Average Roll Valve

Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

PROPERTY	Typical English	Typical Metric
Roll Dimensions	15 x 300 ft	4.6 x 91.5 m
Roll Area	500 yd ²	418 m ²

Disclaimer: Willacoochee Industrial Fabrics assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. Willacoochee Industrial Fabrics 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.

© 2013 Willacoochee Industrial Fabrics, Inc.

Willacoochee Industrial Fabrics, Inc.

PO Box 599 • 769 West Main Street • Willacoochee, GA 31650

Ph: (912) 534-5757 • Fax: (912) 534-5533

