



REINFORCING SUCCESS

WINFAB 400HTM has a higher water flow and permittivity than that of the Mirafi® RS380i. **WINFAB 400HTM** is manufactured using 100% monofilament yarns. Woven monofilament geotextiles have high strength, permittivity and water flow rate properties. This combination of features makes monofilaments well-suited to meet the engineering and design needs of civil structures with unusual hydraulic considerations. **WINFAB 400HTM** also has a uniform pore structure that ensures superior resistance to soil and biological clogging.

Stability and strength, coupled with clog-resistant high flow properties make **WINFAB 400HTM** ideal for use in roadway stabilization and separation applications that requires a high tensile modulus application.



PRODUCT COMPARISON WINFAB 400HTM VS. Mirafi® RS380i

PROPERTY	TEST METHOD	WINFAB 400HTM MARV	Mirafi® RS380i MARV
Tensile Modulus @ 2% Strain	ASTM D-4595	53,000 lbs/ft	Not Published
Tensile Modulus @ 5% Strain	ASTM D-4595	46,500 lbs/ft	Not Published
Wide Width Tensile @ 2% Strain	ASTM D-4595	600 x 1,020 lbs/ft	600 x 1,020 lbs/ft
Wide Width Tensile @ 5% Strain	ASTM D-4595	1,800 x 2,256 lbs/ft	1,800 x 2,256 lbs/ft
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	40 US Std. Sieve
Permittivity	ASTM D-4491	1.09 sec ⁻¹	0.9 sec ⁻¹
Water Flow Rate	ASTM D-4491	80 gpm/ft ²	75 gpm/ft ²
UV Resistance (500 Hours)	ASTM D-4355	90%	90%

*Maximum Average Roll Valve

RS380i information taken from https://www.tencategeo.us/media/77506652-d08a-4cbe-a4e0-11cf2a0e62e3/oaN0bg/TenCate%20Geosynthetics/Documents%20AMER/Technical%20Data%20Sheets/Woven/Mirafi%20RSi-Series/TDS_RSi%20All%20TDS.pdf on 4/30/2018.

Mirafi® is a registered trademark of Nicolon Corporation.

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.

© 2018 WINFAB