



**REINFORCING  
SUCCESS**



**DRAINAGE  
SOLUTIONS, INC**

**PRODUCT DATA SHEET  
WINFAB® 77SF**

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www.drainagesolutionsinc.com

**WINFAB® 77SF** 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® 77SF** resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals. It meets or exceeds the requirements of AASHTO M288 for supported silt fence and ASTM D6461 table 1.



PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	100 x 100 lbs	445 x 445 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	50 x 50 lbs	322.4 x 322.4 N
CBR Puncture	ASTM D6241	250 lbs	1,112.5 N
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	.1 sec <sup>-1</sup>	.1 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	8 gpm/ft <sup>2</sup>	326 lpm/m <sup>2</sup>

\*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	36 in x 3300 yds	.91 m x 3018 m
		36 in x Custom	.91 m x Custom
		42 in x 3300 yds	1.07 m x 3018 m
		42 in x Custom	1.07 m x Custom
		48 in x 3300 yds	1.22 m x 3018 m
		48 in x Custom	1.22 m x Custom

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