

WINFAB 77SF

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.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Tensile Strength (Grab)	ASTM D4632	100 x 100 lbs	444.8 x 444.8 N
Elongation	ASTM D4632	15%	15%
CBR Puncture	ASTM D6241	250lbs	1112.5 N
Trapezoidal Tear	ASTM D4533	50 x 50 lbs	222.41 x 222.41 N
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate	ASTM D4491	8 gpm/ft ²	326 lpm/m ²

*Maximum Average Roll Valve

Notes:

- Mullen Burst ASTM D3786 has been removed. It is not recognized by ASTM D35 on Geosynthetics.
- Puncture ASTM D4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241

PROPERTY	Typical English	Typical Metric
Roll Dimensions	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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