

WINFAB 250W



WINFAB 250W 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 250W 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	250 x 250 lbs	1113 x 1113 N
Elongation	ASTM D-4632	12%	12%
CBR Puncture	ASTM D-6241	750 lbs	3338 N
Trapezoidal Tear	ASTM D-4533	90 x 90 lbs	400 x 400 N
UV Resistance (500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate	ASTM D-4491	4 gpm/ft ²	163 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	12.5 x 360 ft 15 x 300 ft 17.5 x 258 ft	3.81 x 109.8 m 4.6 x 91.5 m 5.3 x 78.7 m
Roll Area	500 yd ²	418 m ²

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(317) 346-4110
www.drainagesolutionsinc.com

