

# WINFAB 800N



**WINFAB 800N** is a needlepunched nonwoven geotextile manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

**WINFAB 800N** 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	205 x 205 lbs	912 x 912 N
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	525 lbs	2336 N
Trapezoidal Tear	ASTM D-4533	80 x 80 lbs	356 x 356 N
UV Resistance (500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	80 US Std. Sieve	0.18 mm
Permittivity	ASTM D-4491	1.4 sec <sup>-1</sup>	1.4 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	90 gpm/ft <sup>2</sup>	3667 lpm/m <sup>2</sup>

\*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	3.81 x 109.8 m 4.6 x 91.5 m
Roll Area	500 yd <sup>2</sup>	418 m <sup>2</sup>

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