



# WINFAB 1200N



**WINFAB 1200N** 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 1200N** 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	300 x 300 lbs	1335 x 1335 N
Elongation	ASTM D4632	50%	50%
CBR Puncture	ASTM D6241	825 lbs	3670 N
Trapezoidal Tear	ASTM D4533	115 x 115 lbs	511 x 511 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	1.0 sec <sup>-1</sup>	1.0 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	75 gpm/ft <sup>2</sup>	3055 lpm/m <sup>2</sup>

\*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	15 x 300 ft	4.6 x 91.5 m
Roll Area	500 yd <sup>2</sup>	418 m <sup>2</sup>

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