

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 ⁻¹	1.0 sec ⁻¹
Water Flow Rate	ASTM D4491	75 gpm/ft ²	3055 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	15 x 300 ft	4.6 x 91.5 m
Roll Area	500 yd ²	418 m ²

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