WINFAB®

REINFORCING SUCCESS

PRODUCT DATA SHEET
WINFAB® 600N

EROSION PROTECTION | FILTRATION | DRAINAGE | SEPARATION

WINFAB® 600N needle-punched nonwoven geotextile is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

WINFAB® 600N needle-punched nonwoven geotextile 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	160 x 160 lbs	711 x 711 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	60 x 60 lbs	267 x 267 N
CBR Puncture	ASTM D6241	410 lbs	1,825 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D4491	1.4 sec^{-1}	1.4 sec^{-1}
Water Flow Rate	ASTM D4491	105 gpm/ft^2	4,276 lpm/m^2

***Maximum Average Roll Value**

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	12.5 ft x 360 ft 15 ft x 300 ft	3.81 x 109.8 m 4.6 x 91.5 m
Roll Area	Measured	500 yd^2	418 m^2

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GMA Geosynthetic Materials Association

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