



REINFORCING
SUCCESS

WINFAB 270HP 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 270HP resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PRODUCT DATA SHEET WINFAB 270HP



FILTRATION



SEPARATION



REINFORCEMENT



STABILIZATION

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	300 x 250 lbs	1334 x 1112 N
Elongation (Grab)	ASTM D4632	15% x 12%	15% x 12%
Trapezoidal Tear Strength	ASTM D4533	130 x 100 lbs	578 x 445 N
CBR Puncture	ASTM D6241	1,150 lbs	5,115 N
Wide Width Tensile	ASTM D4595	2,850 x 2,500 lbs/ft	41.6 x 36.5 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	675 x 700 lbs/ft	9.8 x 10.2 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	1,500 x 1,440 lbs/ft	21.9 x 21 kN/m
Wide Width Tensile @ 10% Strain	ASTM D4595	2,700 x 2,450 lbs/ft	39.4 x 35.7 kN/m
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	.70 sec ⁻¹	.70 sec ⁻¹
Permeability	ASTM D4491	0.04 cm/sec	0.04 cm/sec
Water Flow Rate	ASTM D4491	50 gpm/ft ²	2,037 lpm/m ²

*Maximum Average Roll Valve

PROPERTY		TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	-	15 ft x 300 ft	4.6 m x 91.5 m
Roll Area	-	500 yd ²	418 m ²

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