

# WINFAB 570HP



**WINFAB 570HP** 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 570HP** 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	475 x 440 lbs	2114 x 1958 N
Elongation	ASTM D-4632	15 x 15%	15 x 15%
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Tensile (2% Strain)	ASTM D-4595	960 x 1320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	4800 x -----lbs/ft	70.1 x ----- kN/m
CBR Puncture	ASTM D-6241	2200 lbs	9790 N
Trapezoidal Tear	ASTM D-4533	200 x 200 lbs	890 x 890 N
UV Resistance (500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 sec <sup>-1</sup>	.40 sec <sup>-1</sup>
Permeability	ASTM D-4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D-4491	30 gpm/ft <sup>2</sup>	1222 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	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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