

ACF M100N

Woven Geotextile for Filtration

ACF M100N is manufactured using high tenacity monofilament polypropylene yarns woven to form a dimensionally stable network. It has been stabilized to resist degradation to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable. The high strength of ACF M100N makes it ideal for filtration beneath hard armor applications. Polypropylene is stable with a pH range of 2 to 13.

Geotextile Property	Test Method	Minimum Average Roll Values
Grab Tensile Strength	ASTM D4632	370 x 250 Lbs
Grab Tensile Elongation	ASTM D4632	15 %
CBR Puncture Strength	ASTM D6241	950 Lbs
Trapezoid Tear Strength	ASTM D4533	100 x 60 Lbs
UV Resistance @ 500 Hours	ASTM D4355	90 %
AOS	ASTM D4751	70 Sieve
Percent Open Area	COE-02215	4 %
Permittivity (sec ⁻¹)	ASTM D4491	0.28 sec ⁻¹
Flow Rate	ASTM D4491	18 gpm/ft ²

Results quoted above are the mean of multiple tests conducted at an independent testing facility. ACF M100N meets or exceeds values listed.

Packaging

Roll Width	6 ft.	12 ft.
Roll Length	300 ft.	300 ft.
Roll Area	200 sy	400 sy

11 2024

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