

ACF S300N

Woven Geotextile for Soil Stabilization and Separation

ACF S300N is a slit film, woven geotextile for use in soil stabilization and separation applications. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable. Polypropylene is stable with a pH range of 2 to 13.

Geotextile Property	Test Method	Minimum Average Roll Values
Grab Tensile Strength	ASTM D4632	315 Lbs
Grab Tensile Elongation	ASTM D4632	15 %
CBR Puncture Strength	ASTM D6241	900 Lbs
Trapezoid Tear Strength	ASTM D4533	120 Lbs
UV Resistance @ 500 Hours	ASTM D4355	70 %
AOS	ASTM D4751	40 Sieve
Permittivity (sec ⁻¹)	ASTM D4491	0.05 sec ⁻¹
Flow Rate	ASTM D4491	4 gpm/ft ²

Results quoted above are the mean of multiple tests conducted at an independent testing facility. ACF S300N meets or exceeds values listed.

Packaging

Roll Width	12.5 ft.	17.5 ft.
Roll Length	360 ft.	258 ft.
Roll Area	500 sy	500 sy

11 2024

Disclaimer: Ferguson/ACF Environmental assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information