

ACF LS100: DOT Grade

Woven Geotextile for Silt Fence Applications

ACF LS100 is a woven polypropylene geotextile that 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	100 x 100 Lbs
Grab Tensile Elongation	ASTM D4632	15 x 15 %
Trapezoid Tear Strength	ASTM D4533	50 x 50 Lbs
CBR Puncture Strength	ASTM D6241	250 Lbs
UV Resistance @ 500 Hours	ASTM D4355	80 %
AOS	ASTM D4751	30 Sieve
Permittivity (sec ⁻¹)	ASTM D4491	0.1 sec ⁻¹
Flow Rate	ASTM D4491	10 gpm/ft ²

Results quoted above are the mean of multiple tests conducted at an independent testing facility. ACF LS100 meets or exceeds values listed.

Packaging

Roll Width	24, 36, 42, or 48 in.
Roll Length	100-7800 ft

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