FERGUSON

HSP Series

Technical Data Sheet

ACF HSP4

Woven Geotextile for Soil Stabilization

ACF HSP4 is manufactured using high tenacity polypropylene yarns woven to form a dimensionally stable network. 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. The high strength and flow rate of ACF HSP4 makes it ideal for construction of embankments over soft soils, steepened slopes, and retaining walls. Polypropylene is stable with a pH range of 2 to 13.

Geotextile Property	Test Method	Minimum Average Roll Values
Grab Tensile Strength	ASTM D4632	500 x 500 Lbs
Grab Tensile Elongation	ASTM D4632	11 x 4 %
CBR Puncture Strength	ASTM D6241	2000 Lbs
Wide Width Tensile Strength	ASTM D4595	4800 x 4800 Lbs/ft
Wide Width Strength @ 5%	ASTM D4595	2400 x 3000 Lbs/ft
Trapezoid Tear Strength	ASTM D4533	180 x 180 Lbs
UV Resistance @ 500 Hours	ASTM D4355	80 %
AOS	ASTM D4751	30 Sieve
Permittivity (sec^{-1})	ASTM D4491	0.5 sec^{-1}
Flow Rate	ASTM D4491	35 gpm/ft^2

Results quoted above are the mean of multiple tests conducted at an independent testing facility. HSP4 meets or exceeds values listed.

Packaging

Roll Width	15 ft.
Roll Length	300 ft.
Roll Area	500 sy

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