

VSF: Virginia DOT Silt Fence

Woven Geotextile for Silt Fence Applications

VSF 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	140 x 140 Lbs
Grab Tensile Elongation	ASTM D4632	15 %
Trapezoid Tear Strength	ASTM D4533	65 x 65 Lbs
CBR Puncture Strength	ASTM D6241	400 Lbs
UV Resistance @ 500 Hours	ASTM D4355	70 %
AOS	ASTM D4751	30 Sieve
Permittivity (sec ⁻¹)	ASTM D4491	0.05 sec ⁻¹
Flow Rate	ASTM D4491	8 gpm/ft ²

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

Packaging

Roll Width	24, 36, or 42 in
Roll Length	300 ft

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