

LS100

Technical Data Sheet

LS100 - DOT Grade Polypropylene Silt Fence

LS100 DOT Grade woven polypropylene geotextile for use in silt fence 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.

Property	Test Method	Min Avg. Roll Values
Grab Tensile Strength	ASTM D4632	100 x 100 Lbs
Grab Tensile Elongation	ASTM D4632	15 - 20%
Puncture Strength	ASTM D4833	50 Lbs
Mullen Burst Strength	ASTM D3786	175 Lbs
Trapezoid Tear Strength	ASTM D4533	50 Lbs
UV Resistance @ 500 Hours	ASTM D4355	80%
Apparent Opening Size (AOS)	ASTM D4751	30 Sieve
Permittivity (sec ⁻¹)	ASTM D4491	0.05 (sec ⁻¹)

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

Product available standard in black.

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