

# LS100: DOT Grade

## Woven Geotextile for Silt Fence Applications

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.

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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 <sup>-1</sup> )	ASTM D4491	0.1 sec <sup>-1</sup>
Flow Rate	ASTM D4491	8 gpm/ft <sup>2</sup>

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

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### Packaging

Roll Width	24, 36, 42, or 48 in.
Roll Length	3300 yds.

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