

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.

| 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 | 45 x 45 Lbs |
| CBR Puncture Strength | ASTM D6241 | 250 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. LS100 meets or exceeds values listed.

Packaging

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

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