

Assurene

Silt Fences

ASR-8100

ASR-8100 is a polypropylene circular woven fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable with a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. We wish to advise that **ASR-8100** meets the AASHTO M-288 specification for silt fence material with the following minimum average roll values:

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Grab Tensile	ASTM-D-4632	125 x 125lb	0.550x 0.550 kN
Grab Elongation	ASTM-D-4632	15% x 20%	15% x 20%
Mullen Burst	ASTM-D-3786	300 psi	2067 kPa
Puncture	ASTM-D-4833	65 lb	0.289 kN
Trapezoidal Tear	ASTM-D-4533	65 lb	0.289 kN
UV Resistance @ 500 hours	ASTM-D-4355	80 %	80 %
AOS ⁽¹⁾	ASTM-D-4751	30 sieve	0.600 mm
Permittivity	ASTM-D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Flow Rate	ASTM-D-4491	10 gal/min/ft ²	407 L/min/m ²

(1) max. average roll values

Assurene Corp manufactures the circular woven fabric indicated above. The values listed are a result of testing conducted in on-site laboratories. A letter certifying the minimum average roll values will be issued from the manufacturing plant by the Quality Control Manager at the time shipment is made.

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