

# Assurene

# Silt Fence

## 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 <sup>(1)</sup>	ASTM-D-4751	30 sieve	0.600 mm
Permittivity	ASTM-D-4491	0.05 sec <sup>-1</sup>	0.05 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	10 gal/min/ft <sup>2</sup>	407 L/min/m <sup>2</sup>

(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.

**DATE ISSUED: 7/11/05**

Assurene Corp  
19444 De Havilland Drive, Suite B  
Saratoga, Ca 95070  
PH: 408-621-4113  
FX: 408-255-3325

The facts stated and the recommendations made herein are offered free of charge and are accurate to the best of our knowledge. Assurene Corp assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Assurene disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, material, or information furnished herewith. Final determination of the use of any information or material, or how it is used, and whether the use infringes any patents is sole responsibility of the user.