



## ADS GEOSYNTHETICS 250W WOVEN GEOTEXTILE

### Scope

This specification describes ADS Geosynthetics 250W woven geotextile.

### Filter Fabric Requirements

ADS Geosynthetics 250W is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. ADS Geosynthetics 250W resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 250W conforms to the physical property values listed below:

### Filter Fabric Properties

PROPERTY	TEST METHOD	ENGLISH M.A.R.V. (Minimum Average Roll Value)	METRIC M.A.R.V. (Minimum Average Roll Value)
Tensile Strength (Grab)	ASTM D-4632	250 lbs	1110 N
Elongation	ASTM D-4632	15%	15%
CBR Puncture	ASTM D-6241	750 lbs	3338 N
Puncture	ASTM D-4833	100 lbs	444 N
Mullen Burst	ASTM D-3786	450 psi	3101 kPa
Trapezoidal Tear	ASTM D-4533	90 lbs	400 N
UV Resistance (at 500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	.05 sec <sup>-1</sup>	.05 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	4 gpm/ft <sup>2</sup>	163 l/min/m <sup>2</sup>
Roll Sizes		12.5' x 360' 15.0' x 300' 17.5' x 258'	3.81 m x 109.8 m 4.57 m x 91.5 m 5.33 m x 78.6 m

\*Maximum average roll value.