

ADS GEOSYNTHETICS 3302W AASHTO GRADE WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 3302W AASHTO grade woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 3302W AASHTO grade is manufactured using high tenacity polypropylene yards that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. ADS Geosynthetics 3302W AASHTO resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil characteristics. It meets or exceeds the requirements of AASHTO M288 for unsupported silt fence and ASTM D6461 table 1.

Filter Fabric Properties

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Tensile Strength (Grab)	ASTM-D4632	125 x 124 lb	556 x 551.6 N
Elongation (Grab)	ASTM-D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	65 x 65 lbs	289.1 x 289.1 N
CBR Puncture	ASTM D6241	325 lbs	1,445.7 N
UV Resistance (500 hours)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	0.1 sec ⁻¹	0.1 sec ⁻¹
Water Flow Rate	ASTM D4491	8 gpm/ft ²	326 lpm/m ²

* max. average roll values

Property	Test Method	Typical English	Typical Metric
Roll Dimensions	Measured	36 in x 2600 yds 36 in x Custom 42 in x 2600 yds 42 in x Custom 48 in x 2600 yds 48 in x Custom	.91 m x 2377 m .91 m x Custom 1.07 m x 2377 mm 1.07 m x Custom 1.22 m x 2377 mm 1.22 m x Custom