



ADS GEOSYNTHETICS 04X4H WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 04X4H woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 04X4H 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 04X4H resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 04X4H 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	475 x 440 lbs	2113 x 1957 N
Elongation	ASTM D-4632	12 x 6%	12 x 6%
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Elongation	ASTM D-4595	9 x 9%	9 x 9%
Wide Width Tensile Strength at 5% Strain	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Puncture	ASTM D-4833	200 lbs	890 N
Mullen Burst	ASTM D-3786	1200 psi	8270 kPa
Trapezoidal Tear	ASTM D-4533	180 x 180 lbs	801 x 801 N
UV Resistance (at 500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 sec ⁻¹	.40 sec ⁻¹
Water Flow Rate	ASTM D-4491	30 gpm/ft ²	1222 l/min/m ²
Roll Sizes		15' x 300'	4.57 m x 91.5 m

*Maximum average roll value.