



ADS GEOSYNTHETICS 02X2H WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 02X2H woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 02X2H 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 02X2H resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 02X2H 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	ASTM D-4632	320 x 320 lbs	1424 x 1424 N
Elongation	ASTM D-4632	15%	15%
Wide Width Tensile	ASTM D-4595	2700 x 2800 lbs/ft	39.4 x 40.9 kN/m
Wide Width Elongation	ASTM D-4595	12 x 8%	12 x 8%
Wide Width Tensile Strength at 5% Strain	ASTM D-4595	1100 x 1700 lbs/ft	16 x 24.8 kN/m
Puncture	ASTM D-4833	140 lbs	622 N
Mullen Burst	ASTM D-3786	800 psi	5510 kPa
Trapezoidal Tear	ASTM D-4533	125 x 125 lbs	556 x 556 N
UV Resistance (at 500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D-4491	.70 sec ⁻¹	.70 sec ⁻¹
Water Flow Rate	ASTM D-4491	50 gpm/ft ²	2035 l/min/m ²
Roll Sizes		15' x 300'	4.57 m x 91.5 m

*Maximum average roll value.