



ADS GEOSYNTHETICS 03X3H WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 03X3H woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 03X3H 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 03X3H resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 03X3H 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	450 x 350 lbs	2000 x 1550 N
Elongation	ASTM D-4632	15 x 6%	15 x 6%
Wide Width Tensile	ASTM D-4595	3600 x 3600 lbs/ft	52 x 52 kN/m
Wide Width Elongation	ASTM D-4595	15 x 10%	15 x 10%
Wide Width Tensile Strength at 5% Strain	ASTM D-4595	1392 x 1740 lbs/ft	20.3 x 25.4 kN/m
Puncture	ASTM D-4833	180 lbs	800 N
Mullen Burst	ASTM D-3786	1000 psi	6890 kPa
Trapezoidal Tear	ASTM D-4533	180 x 120 lbs	800 x 534 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	.52 sec ⁻¹	.52 sec ⁻¹
Water Flow Rate	ASTM D-4491	40 gpm/ft ²	1630 l/min/m ²
Roll Sizes		15' x 300'	4.57 m x 91.5 m

*Maximum average roll value.