



ADS GEOSYNTHETICS 370HP WOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 370HP woven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 370HP 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 370HP resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS Geosynthetics 370HP 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)
Wide Width Tensile	ASTM D-4595	3600 x 3240 lbs/ft	52.5 x 47.3 kN/m
Wide Width Tensile (2% Strain)	ASTM D-4595	540 x 540 lbs/ft	7.9 x 7.9 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	1500 x 1560 lbs/ft	21.9 x 22.8 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	2400 x 2400 lbs/ft	35 x 35 kN/m
UV Resistance (at 500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.6 mm
Permittivity	ASTM D-4491	.52 sec ⁻¹	.52 sec ⁻¹
Permeability	ASTM D-4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D-4491	40 gpm/ft ²	1630 l/min/m ²
Roll Sizes		15' x 300'	4.6 m x 91.5 m
Roll Area		500 yd ²	418 m ²

*Maximum average roll value.