



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.

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 D4595	3,600 x 3,300 lbs/ft	52.5 x 48.2 kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	540 x 540 lbs/ft	7.9 x 7.9 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1500 x 1560 lbs/ft	21.9 x 22.8 kN/m
Wide Width Tensile (10% Strain)	ASTM D4595	2,400 x 2,400 lbs/ft	35 x 35 kN/m
UV Resistance (at 500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D4751	30 US Std. Sieve	0.6 mm
Permittivity	ASTM D4491	.52 sec ⁻¹	.52 sec ⁻¹
Permeability	ASTM D4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D4491	40 gpm/ft ²	1630 l/min/m ²

*Maximum average roll value.

PROPERTY	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	15 ft x 300 ft	4.6 m x 91.5 m
Roll Area	500 yd ²	418 m ²