



ADS 02X2H WOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 02X2H woven geotextile.

Woven Fabric Requirements

ADS 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 02X2H resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS 02X2H conforms to the physical property values listed below:

Filter Fabric Properties

Property ¹	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value) ²
Tensile Strength (Grab)	ASTM D4632	lbs (N)	320 x 320 (1424 x 1424)
Elongation	ASTM D4632	%	15
Wide Width Tensile	ASTM D4595	lbs/ft (kN/m)	2700 x 2800 (39.4 x 40.9)
Wide Width Elongation	ASTM D4595	%	12 x 8
Wide Width Tensile Strength at 5% Strain	ASTM D4595	lbs/ft (kN/m)	1100 x 1700 (16 x 24.8)
Puncture	ASTM D4833	lbs (N)	140 (622)
Mullen Burst	ASTM D3786	psi (kPa)	800 (5510)
Trapezoidal Tear	ASTM D4533	lbs (N)	125 x 125 (556 x 556)
UV Resistance (at 500 hours)	ASTM D4355	%	90
Apparent Opening Size (AOS)*	ASTM D4751	U.S. Std. Sieve (mm)	40 (0.425)
Permittivity	ASTM D4491	sec ⁻¹	.70
Water Flow Rate	ASTM D4491	gpm/ft ² (l/min/m ²)	50 (2035)

* Maximum average roll value

Packaging

Roll Dimensions (W x L) - ft. (m)	15 x 300 (4.6 x 91.5)
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