



ADS 400HSTS WOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 400HSTS Woven Fabric.

Woven Fabric Requirements

ADS 400HSTS Woven Fabric 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 400HSTS resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals. ADS 400HSTS 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 Modulus at 2% Strain	ASTM D4595	lbs/ft (kN/m)	51,000 (744)
Apparent Opening Size (AOS)*	ASTM D4751	U.S. Std. Sieve (mm)	40 (0.425)
Permittivity	ASTM D4491	sec ⁻¹	1.09
Water Flow Rate	ASTM D4491	gpm/ft ² (l/min/m ²)	80 (3260)
UV Resistance (500 hrs)	ASTM D4355	%	80

* Maximum average roll value

Packaging

Roll Dimensions (W x L) - ft. (m)	15 x 300 (4.6 x 91.5)
Roll Square Yards (Square Meters)	500 (418)