



Drainage



Filtration



Separation

ADS 0501T NONWOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 0501T nonwoven geotextile.

Filter Fabric Requirements

ADS 0501T is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 0501T resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 0501T conforms to the physical property values listed below:

Filter Fabric Properties

Property	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value)
Grab Tensile	ASTM D4632	lbs (kN)	135 (0.60)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	55 (0.24)
CBR Puncture Resistance	ASTM D6241	lbs (kN)	350 (1.56)
Permittivity*	ASTM D4491	sec ⁻¹	1.4
Water Flow*	ASTM D4491	gpm/ft ² (l/min/m ²)	108 (4400)
AOS*	ASTM D4751	US Sieve (mm)	70 (0.212)
UV Resistance	ASTM D4355	%/hrs	70/500

Packaging

Roll Dimensions (W x L) - ft. (m)	12.5 x 360 / 15 x 300 (3.8 x 110 / 4.5 x 91)
Roll Square Yards (Square Meters)	500 (418)
Estimated Roll Weight - lbs (kg)	187 (85)

* At the time of manufacturing. Handling may change these properties.