



Drainage



Filtration



Separation

## ADS 1001T NONWOVEN GEOTEXTILE SPECIFICATION

### Scope

This specification describes ADS 1001T (10.0 oz) nonwoven geotextile.

### Filter Fabric Requirements

ADS 1001T (10.0 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 1001T (10.0 oz) resists ultraviolet deterioration, rotting, biological degradations, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 1001T (10.0 oz) conforms to the physical property values listed below:

### Filter Fabric Properties

Property	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	10.0 (339)
Grab Tensile	ASTM D4632	lbs (kN)	250 (1.11)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	100 (0.444)
CBR Puncture Resistance	ASTM D6241	lbs (kN)	700 (3.11)
Permittivity*	ASTM D4491	sec <sup>-1</sup>	1.2
Water Flow*	ASTM D4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	80 (3251)
AOS*	ASTM D4751	US Sieve (mm)	100 (0.150)
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 110/4.8 x 91)
Roll Square Yards (Square Meters)	500 (418)
Estimated Roll Weight - lbs (kg)	320 (145)

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