



Drainage



Filtration



Separation

## ADS 0701T NONWOVEN GEOTEXTILE SPECIFICATION

### Scope

This specification describes ADS 0701T (7.0 oz) nonwoven geotextile.

### Filter Fabric Requirements

ADS 0701T (7.0 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 0701T (7.0 oz) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 0701T (7.0 oz) conforms to the physical property values listed below:

### Filter Fabric Properties

Property	Test Method	Unit	M.A.R.V. (Minimum Average Roll Value)
Grab Tensile	ASTM D4632	lbs (kN)	180 (0.800)
Grab Elongation	ASTM D4632	%	50
Mullen Burst Strength	ASTM D3786	psi (kPa)	290 (2.00)
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	75 (0.333)
Puncture Strength	ASTM D4833	lbs (kN)	80 (0.355)
Abrasion	ASTM D4886	%	15% Max Loss
Permittivity <sup>4</sup>	ASTM D4491	sec <sup>-1</sup>	1.4
AOS <sup>3&amp;4</sup>	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 (3.81 x 109.8 / 4.6 x 91.4)
Roll Square Yards (Square Meters)	500 (418)
Estimated Roll Weight - lbs (kg)	220 (100)

#### NOTES:

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard 0 deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV).
4. At time of manufacturing. Handling may change the properties.