



Drainage



Filtration



Separation

ADS 0311T NONWOVEN GEOTEXTILE SPECIFICATION

Scope

This specification describes ADS 0311T (3.1 oz) nonwoven geotextile.

Filter Fabric Requirements

ADS 0311T (3.1 oz) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS 0311T (3.1 oz) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS 0311T (3.1 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)	80 (0.35)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	30 (0.13)
CBR Puncture Resistance	ASTM D6241	lbs (kN)	175 (0.76)
Permittivity*	ASTM D4491	sec ⁻¹	2.1
Water Flow*	ASTM D4491	gpm/ft ² (l/min/m ²)	150 (6095)
AOS*	ASTM D4751	US Sieve (mm)	50 (0.30)
UV Resistance	ASTM D4355	%/hrs	70/500

Packaging

Roll Dimensions (W x L) - ft. (m)	3.0/4.0/5.0/6.25/7.5/8.0/9.0/12.5/15 x 360 (0.9/1.2/1.5/1.9/2.3/2.4/2.7/3.8/4.5 x 110)
Roll Square Yards (Square Meters)	120/160/200/250/300/320/360/500/600 (100/133/167/209/250/268/301/418/502)
Estimated Roll Weight - lbs (kg)	30/32/48/63/73/75/77/125/145 (13/15/22/29/33/34/35/57/66)

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