



ADS GEOSYNTHETICS 1001T NONWOVEN GEOTEXTILE

Scope

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

Filter Fabric Requirements

ADS Geosynthetics 10.0 oz (1001T) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 10.0 oz (1001T) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 10.0 oz (1001T) 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 D 5261	oz/yd ² (g/m ²)	10.0 (339)
Grab Tensile	ASTM D 4632	lbs (kN)	250 (1.11)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	100 (0.444)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	700 (3.11)
Permittivity*	ASTM D 4491	sec ⁻¹	1.2
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	80 (3251)
AOS*	ASTM D 4751	US Sieve (mm)	100 (0.150)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5 x 360 / 15x300
Square Yards Per Roll	500
Estimated Roll Weight - lbs	320

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