



ADS GEOSYNTHETICS 0401T NONWOVEN GEOTEXTILE

Scope

This specification describes ADS Geosynthetics 4.0 oz (0401T) nonwoven geotextile.

Filter Fabric Requirements

ADS Geosynthetics 4.0 oz (0401T) is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. ADS Geosynthetics 4.0 oz (0401T) resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. ADS Geosynthetics 4.0 oz (0401T) 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)	4.0 (136)
Grab Tensile	ASTM D 4632	lbs (kN)	100 (0.445)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	50 (0.222)
CBR Puncture Resistance	ASTM D 6241	Lbs (kN)	300 (1.32)
Permittivity*	ASTM D 4491	sec ⁻¹	2.0
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	140 (5689)
AOS*	ASTM D 4751	US Sieve (mm)	70 (0.212)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5/15 x 360
Square Yards Per Roll	500/600
Estimated Roll Weight - lbs	146/172

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