



SPECIFICATION SHEET

Toll Free (800) 955-4637 www.AccuGeo.com
Ph. (661) 321-0447 Fax (661) 321-0449
321 Industrial St. Bakersfield, CA 93307

Nonwoven Geotextile

AccuGeo's nonwoven geotextiles are produced by needlepunching polypropylene synthetic staple fibers in a random network to form a high strength, dimensionally stable fabric. The fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a pH range of 2 to 13.

Property	Test Method	Values	
Mass/Unit Area	ASTM D5261	8 oz/yd ²	16 oz/yd ²
Grab Tensile Strength	ASTM D4632	205 lbs	380 lbs
Grab Elongation	ASTM D4632	50%	50%
Trapezoidal Tear	ASTM D4533	85 lbs	145 lbs
Puncture Strength	ASTM D4833	130 lbs	240 lbs
Mullen Burst	ASTM D3786, Modified	400 psi	750 psi
Permittivity	ASTM D4491	1.4 sec ⁻¹	0.7 sec ⁻¹
Wide Width Tensile	ASTM D4595	900 lbs/ft	1200 lbs/ft
Water Flow Rate	ASTM D4491	90 gpm/ft ²	50 gpm/ft ²
Apparent Opening Size (AOS), US Std. Sieve	ASTM D4751	80	100
UV Resistance @ 500 hrs, Strength Retained	ASTM D4355	70%	70%
Typical Roll Sizes		15' x 300'	15' x 150'

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon test and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AccuGeo Liner, Inc. as to the effects of such use or the results to be obtained, nor does AccuGeo Liner, Inc. assume any liability in connection herewith. Any Statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.