



*Western Environmental  
Liner*

**8oz Geotextile**

**DATA SHEET**

A needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. The 8-oz Geotextile resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. The 8-oz Geotextile conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	NOMINAL SPECIFICATIONS
Weight (Typical)	ASTM D 5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	8.0 (271)
Grab Tensile	ASTM D 4632	lbs (kN)	205 (0.911)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	85 (0.378)
Puncture Resistance	ASTM D 4833	lbs (kN)	120 (0.533)
Puncture Resistance	ASTM D 6241	lbs (kN)	535 (2.38)
Mullen Burst	ASTM D 3786	psi (kPa)	350 (2413)
Permittivity*	ASTM D 4491	sec <sup>-1</sup>	1.35
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup>	90 (3657)
AOS*	ASTM D 4751	US Sieve (mm)	80 (0.180)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	11.75' x 1131'
Square Yards Per Roll	1476
Estimated Roll Weight - lbs	600

These values are typical data and are not intended as limiting specifications.

**Made in U.S.A.**

Western Environmental Liner, A Division of Western AG Enterprises  
Over 30 years of quality containment, liner and cover manufacturing and installation.  
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