



**ULTRATECH**  
INTERNATIONAL, INC.

# Ultra-Containment Wall®

## MATERIAL SPECIFICATIONS (LINER)

Material Specifications		
Properties	ASTM Test	Typical Roll Avg.
Appearance		Black & Black/Gray
Thickness, nominal	D 5994	30 mil
Weight		150 lbs/MSF
Asperity Height	D 7466	10 mil
Tensile Strength	D 6693	69 lb/in
Elongation at Film Break <sup>1</sup>	D 6693	350%
Tear Resistance <sup>1</sup>	D 1004	17 lbf
Puncture Resistance	D 4833	36 lbf
Impact Resistance	D 1709	<2520 grams
Volatile Loss	D 1203	<1%
Dimensional Stability	D 1204	<2%
Carbon Black (black layers only)	D 1603	>2.0%
Maximum Static Use Temperature		180°F
Minimum Static Use Temperature		-70°F

*The Ultra-Containment Wall liner is a co-extruded textured linear low density polyethylene (LLDPE) geomembrane containing carbon black and ultraviolet inhibitors to ensure protection against harmful UV degradation.*

*The test values listed in this data sheet are representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.*

<sup>1</sup> Tests are an average of primary reinforcement directions.

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