ULTRATECH INTERNATIONAL, INC.

Ultra-Containment Wall®

MATERIAL SPECIFICATIONS (LINER)

Material Specifications			
Properties	**ASTM Test**	**Typical Roll Avg.**	
		Standard	Metric
Appearance		Black & Black/Gray	Black & Black/Gray
Thickness, nominal	D 5994	30 mil	.762 mm
Weight		150 lbs/MSF (24 oz/yd^2)	813 g/m^2
Asperity Height	D 7466	10 mil	.254 mm
Tensile Strength	D 6693	69 lb/in	307 N
Elongation at Film Break[1]	D 6693	350%	350%
Tear Resistance[1]	D 1004	17 lbf	76 N
Puncture Resistance	D 4833	36 lbf	160 N
Impact Resistance	D 1709	<89 oz.	<2520 grams
Volatile Loss	D 1203	<1%	<1%
Dimensional Stability	D 1204	<2%	<2%
Carbon Black (black layers only)	D 1603	>2.0%	>2.0%
Maximum Static Use Temperature		180°F	82°C
Minimum Static Use Temperature		-70°F	-57°C

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.

[1] Tests are an average of primary reinforcement directions.

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