



The Liner Company

# SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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Mancelona, Michigan  
49659

Toll-Free 800-OK-LINER

[www.geomembrane.com](http://www.geomembrane.com)

## 40 mil UltraTech Specifications

### CHEMICAL RESISTANCE:

**OIL - Excellent**

**BRINE - Excellent**

**HYDROCARBONS -  
Good/Excellent**

**ACIDS - Very Good/Fair**

**BASES - Excellent**

**METHANE - Excellent**

**SOLVENTS - Fair/Poor**

### TYPICAL APPLICATIONS:

**Exposed Applications**

**Secondary Containment**

**Industrial Waste**

**Soil Remediation**

**Water Features**

UltraTech flexible membrane liner is a single-ply membrane compounded for hydraulic containment and possessing proven physical characteristics. By virtue of its unique composition, UltraTech offers excellent weatherability, resistance to chemicals, oils, and grease. It is noted for its high tensile strength and elongation properties, as well as its flexibility over a broad temperature range.

In general, UltraTech liners do not require earthen or other cover materials. They are ideally suited for a variety of applications, particularly where resistance to biodegradation and to a wide range of chemicals is advantageous.

UltraTech Liners are fabricated by EPI in panels, accordion-folded in both directions, and packaged for shipment to your site for quick, easy installation to save you time and money.

Thickness ± 5%	ASTM D-2083	.040"
Specific Gravity (min)	ASTM D-792	1.20
100% Modulus (psi, min)	ASTM D-882	900
(lb/in-width, min)		36
Tensile (psi, min)	ASTM D-882	
2300		
(lb/in-width, min)		92
Elongation at Break (% min)	ASTM D-882	290
Graves Tear (lb/in, min)	ASTM D-1004	11.2
Resistance to Soil Burial (% change, max)	ASTM D-3083 (NSF Modified)	
1. Breaking Factor		5
2. Elongation At Break		20
Impact Cold Crack (°F)	ASTM D-1790	-25
Dimensional Stability (% change, max)	ASTM D-1204 (212°F/15 min.)	5
Water Extraction (% max)	ASTM D-1239	0.35
Volatile Loss (% max)	ASTM D-1203(A)	0.80
Hydrostatic Resistance (psi, min)	ASTM D-751(A)	110
<b>Factory Fabricated Seams:</b>		
Peel Strength (lbs/in, min)	ASTM D-882	10
Shear Strength (lbs/in, min)	ASTM D-882	73.6

*These data are based on tests believed to be reliable. However, these are laboratory tests that may not simulate actual use conditions. They are provided for your informational purposes only. No warranty, express or implied, including any other further warranty of fitness for a particular purpose or merchantability, is made by this promotional literature*

*Preserving water resources for future generations*

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[www.geomembrane.com](http://www.geomembrane.com)**