



The Liner Company

# SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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## TYPICAL APPLICATIONS:

**Exposed Projects**

**Reservoirs**

**Canals**

**Sewage Lagoons**

**Landfill Closures**

**Soil Remediation**

**Farm Ponds**

**Water Features**

**Irrigation Ponds**

**Golf Course Ponds**

**Heap Leach Pads**

## 40 mil SunTech PVC Geomembrane

SunTech PVC Geomembrane is designed to be left exposed and yet maintain all of the characteristics that make PVC one of the most reliable and easy to install geomembranes available. In addition to meeting the outstanding physical properties of ASTM D7176, it contains a highly engineered UV package. This combination will allow SunTech PVC to have a warranty of 10 years or more in exposed applications.

SunTech is user friendly for any installation, especially those with multiple panels that require field seams. SunTech PVC can be seamed together thermally or with an adhesive making it easy for anyone to use from the most experienced installers to the first time users.

PVC Liners are custom fabricated by EPI in panels that are accordion folded in both directions. Panels are then packaged for shipment to your site for a quick, easy installation to save you time and money.

40 mil SunTech is available in panel sizes up to 18,000 SqFt.

Thickness ± 5%	ASTM D-5199	.040"
Specific Gravity (min)	ASTM D-792	1.20
Tensile (lb/in-width, min)	ASTM D-882	97
Elongation at Break (% min)	ASTM D-882	430
Modulus (lb/in-width, min)	ASTM D-882	40
Tear Resistance (lb/in, min)	ASTM D-1004	10
Resistance to Soil Burial (% change, max)	ASTM G-160	
1. Breaking Factor		5
2. Elongation At Break		20
3. Modulus at 100% Elongation		20
Impact Cold Crack (°C)	ASTM D-1790	-29
Dimensional Stability (% change, max)	ASTM D-1204 (212°F/15 min.)	3
Water Extraction (% max)	ASTM D-1239	0.20
Volatile Loss (% max)	ASTM D-1203(A)	0.50
Hydrostatic Resistance (psi, min)	ASTM D-751(A)	120
Plasticizer Min Ave Molec Wt	ASTM 2124	400
<b>Factory Fabricated Seams:</b>		
Peel Strength (lbs/in, min)	ASTM D-7408	15
Shear Strength (lbs/in, min)	ASTM D-7408	77.6

*Preserving water resources for future generations*

*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.*