



SOLUTIONS

ENVIRONMENTAL PROTECTION, INC.

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www.geomembrane.com

TYPICAL APPLICATIONS:

- Exposed Projects**
- Reservoirs**
- Canals**
- Sewage Lagoons**
- Landfill Closures**
- Soil Remediation**
- Farm Ponds**
- Water Features**
- Irrigation Ponds**
- Golf Course Ponds**
- Heap Leach Pads**

30 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.

30 mil SunTech is available in panel sizes up to 25,000 SqFt.

Thickness ± 5%	ASTM D-5199	.030"
Specific Gravity (min)	ASTM D-792	1.20
Tensile (lb/in-width, min)	ASTM D-882	73
Elongation at Break (% min)	ASTM D-882	380
Modulus (lb/in-width, min)	ASTM D-882	30
Tear Resistance (lb/in, min)	ASTM D-1004	8
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	0.15
Volatile Loss (% max)	ASTM D-1203(A)	0.70
Hydrostatic Resistance (psi, min)	ASTM D-751(A)	100
Plasticizer Min Ave Molec Wt	ASTM 2124	400
Factory Fabricated Seams:		
Peel Strength (lbs/in, min)	ASTM D-882	15
Shear Strength (lbs/in, min)	ASTM D-882	58.4

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.