

Plastatech® OR *Oil Resistant Geomembrane*



Description

Plastatech® OR geomembrane provides reliable containment for oils, fuels and chemicals commonly found in industrial and oil refinery settings. It is a solution for primary and secondary containment of oil products and industrial chemicals.

Plastatech OR is a non-reinforced PVC membrane that offers enhanced chemical resistance and maximum flexibility, elongation and tensile strength for long term design performance in accordance with various ASTM standards. It is produced in a 30-mil thickness.

Uses

- Primary and secondary containment
- Chemical holding basins
- Oil field storage
- Crude oil storage
- Fuel tank storage facilities
- Landfill liners and caps
- Wastewater lagoons
- Industrial lagoons

Installation

Plastatech OR will perform sufficiently when properly field fabricated and incorporated into an installation over a suitable base of pre-consolidated soil.

Contact Plastatech for installation instructions.

Warranty

Contact Plastatech for warranty details.

Storage

Store rolls lengthwise on pallets. Use tarps to keep rolls dry. Keep out of direct sunlight and weather.

Physical Properties

Plastatech OR has been subjected to the following tests.

	TEST METHOD	UNITS	30 MILS
Thickness	ASTM D5199	mils	30.0 ± 5%
Specific Gravity	ASTM D792		1.20 min.
Tensile Properties			
Breaking Strength	ASTM D882	lbf/in.	73 min.
Elongation at Break		%	350 min.
100% Modulus		lbf/in.	30 min.
Tear Resistance	ASTM D1004	lbf	8.0 min.
Low Temperature	ASTM D1790		Pass at 10.4° F (-12° C)
Dimensional Stability	ASTM D1204	%	3 max.
Water Extraction	ASTM D1239	%	0.15 max.
Volatile Loss	ASTM D1203	%	0.5 max.
Hydrostatic Resistance	ASTM D751 Procedure A	psi	100 min.

CHEMICAL	EFFECT
ASTM Fuel A	C
Diesel Fuel	C
Gasoline	M
Jet Fuel	C
Kerosene	C
Crude Oil	C
Motor Oil	C
Hydraulic Oil	C
Corn Oil	C
Methanol	C
Ethanol	C
Isopropyl Alcohol	C
Ethyl Glycol	C
Heptane	C

CHEMICAL	EFFECT
Chlorine Bleach	C
Methyl Ethyl Ketone (MEK)	I
Toluene	I
Xylene	I
Tetrahydrofuran (THF)	I
Mineral Spirits	C
Hydrochloric Acid (20%)	C
Sulfuric Acid (20%)	C
Phosphoric Acid	C
Distilled Water	C
Deionized Water	C
Municipal Water	C
Sea Water	C
Waste Water	C

Key: C= Compatible M= Moderately Compatible I= Incompatible

Packaging and Color Options

Available Sizes

- Common roll sizes are listed below.
Contact Plastatech for custom sizes.

Available Colors

- Black
- Gray

THICKNESS	30 MILS
Width	76.25 in. ± 0.25 in.
Length	300 yd. (900 feet)
Roll Area	5,700 sq. ft.
Approx. Weight	1,100 lb.



For information on Plastatech,
call or visit our website today.

800-892-9358
plastatech.com



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