



Plastatech[®] OR Oil Resistant

Geomembrane



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 satisfactorily 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		%	380 min.
100% Modulus		lbf/in.	32 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	CHEMICAL	EFFECT
ASTM Fuel A	C	Chlorine Bleach	C
Diesel Fuel	C	Methyl Ethyl Ketone (MEK)	I
Gasoline	M	Toluene	I
Jet Fuel	C	Xylene	I
Kerosene	C	Tetrahydrofuran (THF)	I
Crude Oil	C	Mineral Spirits	C
Motor Oil	C	Hydrochloric Acid (20%)	C
Hydraulic Oil	C	Sulfuric Acid (20%)	C
Corn Oil	C	Phosphoric Acid	C
Methanol	C	Distilled Water	C
Ethanol	C	Deionized Water	C
Isopropyl Alcohol	C	Municipal Water	C
Ethyl Glycol	C	Sea Water	C
Heptane	C	Waste Water	C

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

Packaging and Color Options

Available Sizes

Plastatech OR is available in black and gray 30-mil thickness. Contact Plastatech for custom sizes.

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





CONTAIN. CONTROL. COMPLY.

For more information about Plastatech,
give us a call or visit our website today.

800.892.9358

plastatech.com

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