Plastatech® FG *Fish Grade Geomembrane*

Description

Plastatech® FG geomembrane is a non-reinforced PVC membrane designed for use in aquatic environments and landscaping applications. It combines strong tensile strength and flexibility with excellent lay-flat characteristics, making it easy to install in irregularly contoured areas.

Ideal for aquaculture ponds and other aquatic environments, it is available in black and light gray, and produced in 20- and 30-mil thickness.

Uses

- Fisheries
- Hatcheries
- Food processing
- Ponds
- Cistern liners
- Recreational fish ponds

Installation

Plastatech FG will perform sufficiently when properly fabricated by the installing contractor 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 FG has been subjected to the following tests.

	TEST METHOD	UNITS	20 MILS	30 MILS
Thickness	ASTM D5199	mils	20.0 ± 5%	30.0 ± 5%
Specific Gravity	ASTM D792		1.20 min.	1.20 min.
Tensile Properties				
Breaking Strength		lbf/in.	48 min.	73 min.
Elongation at Break	ASTM D882	%	360 min.	380 min.
100% Modulus		lbf/in.	20 min.	30 min.
Tear Resistance	ASTM D1004	lbf	6.0 min.	8.0 min.
Low Temperature	ASTM D1790		Pass at 5° F (-15° C)	Pass at -9.4° F (-23° C)
Dimensional Stability	ASTM D1204	%	4 max.	3 max.
Water Extraction	ASTM D1239	%	0.15 max.	0.15 max.
Volatile Loss	ASTM D1203	%	0.9 max.	0.7 max.
Hydrostatic Resistance	ASTM D751 Procedure A	psi	68 min.	100 min.

Packaging and Color Options

Available Sizes

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

Available Colors

- Black
- Light Gray

THICKNESS	20 MILS	30 MILS
Width	76.25 in. ± 0.25 in.	76.25 in. ± 0.25 in.
Length	480 yd. (1,440 feet)	350 yd. (1050 feet)
Roll Area	9,150 sq. ft.	6,670 sq. ft.
Approx. Weight	1,200 lb.	1,300 lb.

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

800-892-9358
plastatech.com

Made in the USA