

PLASTATECH[®] FG

FISH GRADE GEOMEMBRANE

DESCRIPTION:

Plastatech[®] FG geomembrane is designed for aquatic environments and landscaping applications. It provides tensile strength and flexibility and has excellent lay-flat characteristics, making it easy to install in irregularly contoured areas.

Plastatech FG is a non-reinforced PVC membrane. It is produced in 20 and 30-mil thicknesses.

USES:

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

PACKAGING AND COLOR OPTIONS:

• Available sizes

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

Thickness	Width	Length	Roll Area	Approx. Weight
20 mils	76 in.	480 yd. (1,440 ft.)	9,120 sq. ft.	1,200 lb.
	108 in.	330 yd. (990 ft.)	8,910 sq. ft.	1,175 lb.
30 mils	76 in.	300 yd. (900 ft.)	5,700 sq. ft.	1,100 lb.
	108 in.	210 yd. (630 ft.)	5,670 sq. ft.	1,095 lb.

• Available colors

- Black
- Gray



INSTALLATION:

Plastatech FG will perform satisfactorily 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-mil	30-mil
Thickness	ASTM D5199	mils	20.0 ± 5%	30.0 ± 5%
Specific Gravity	ASTM D792		1.20 min.	1.20 min.
Tensile Properties Breaking Strength Elongation at Break 100% Modulus	ASTM D882	lbf/in. % lbf/in.	48 min. 360 min. 20 min.	73 min. 380 min. 32 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.