

PVC GEOMEMBRANE LINER PANELS

PREFABRICATED TO REDUCE INSTALLATION TIME

Polyvinyl chloride (PVC) is one of the most commonly used geomembranes for containment due to its proven impermeability and malleability. These qualities and PVC's long lifespan make it a competitive option for many different applications in the construction industry, such as water and chemical containment.

We offer a range of standard-size PVC and custom prefabricated options and sizes up to 15,000 sq. ft. to streamline installation at the job site. Factory fabrication can eliminate up to 80% of the field seaming associated with PVC liners. For field seaming, one gallon of adhesive will cover 150' of a 3-4" seam.

APPLICATIONS

- Canals and channels
- Coal ash ponds
- Decorative ponds and water features
- Hazardous containment
- Hydraulic fracturing
- Landfills
- Reservoirs, ponds, lakes and streams
- Stormwater management systems

SIZING

Prefabricated Liner:

- 10' width, up to 1200' length
- 19.58' width, up to 150' length
- 29.17' width, up to 100' length
- 38.75' width, up to 100' length
- 48.33' width, up to 100' length
- 57.92' width, up to 100' length

Standard Liner:

- 10' x 200'
- 10' x 1200'

ADVANTAGES

- Prefabricated liner saves time in the field
- Easy installation
- Strong, durable material
- High flexibility and elongation
- Design versatility
- Resistance to harsh weather and environmental factors



For more information about Geosynthetics, contact Inside Sales at **800.448.3636** or **infogeo@ferguson.com** or visit us at **fergusongss.com**

TECHNICAL DATA 30 MIL PVC

PHYSICAL PROPERTIES	TOLERANCE	METHOD	30 MIL (*1 PLY)
Grab tensile strength	lb/in	D882	73
Tensile elongation	%	D882	380
Tensile modulus	lb/in	D882	32
Tear strength	lb	D1004	8
Dimensional stability	%	D1204	3
Low temperature impact	C	D1790	-29
Specific gravity (minimum)	g/cc	D792	1.20
Water extraction % loss max.	%	D792	0.15
Avg. plasticizer molecular weight	-	D2124	400
Volatile loss	%	D1203	0.7
Soil burial break strength	%	G160	5.0
Soil burial elongation	%	G160	20
Soil burial elongation at 100%	%	G160	20
Hydrostatic resistance	Psi	D751	100
Seam shear strength	lb/in	D882	58.4
Seam peel strength	lb/in	D882	15

DISCLAIMER: FERGUSON WATERWORKS ENVIRONMENTAL ASSUMES NO LIABILITY FOR THE COMPLETENESS OR ACCURACY OF THIS INFORMATION OR THE ULTIMATE USE OF THIS INFORMATION. THIS DOCUMENT SHOULD NOT BE CONSTRUED AS ENGINEERING ADVICE. ALWAYS CONSULT THE PROJECT ENGINEER FOR PROJECT SPECIFIC REQUIREMENTS. THE END USER ASSUMES SOLE RESPONSIBILITY FOR THE USE OF THIS INFORMATION AND PRODUCT.

Ferguson Waterworks also offers custom fabricated liner panels specific to your site. All of our liners are shipped with **installation instructions** and a **quality control testing sheet**.

For more information about Geosynthetics, contact Inside Sales at **800.448.3636** or **info@ferguson.com** or visit us at **fergusongss.com**