

Ideal for lining large ponds — up to 75,000 square feet in one piece!

These EasyWeave polyethylene liners are engineered to offer great strength in a light weight material. Unlike regular multi-layered liners which simply stack the layers of liner on top of each other, these liners are woven together — this gives the ultimate in strength. Because of the light weight and strength, these liners can be manufactured in large custom panels.

Features

- Designed for easy installation and long life span
- Puncture, abrasion and chemically resistant construction
- High strength HDPE woven core that provides superior dimensional stability
- Non-toxic — no hazardous materials were used during construction process
- Outstanding UV, ozone and oxidation resistance
- All factory and field seams are thermally welded
- Unlike PVC liners, which need soil over the entire liner, these liners do not require coverage other than around the edges — thus lowering the installation cost
- Custom made liners lead times for manufacturing and delivery may vary
- Limited warranty: Exposed, 10 years — Buried, 20 years

Applications

- Aquaculture
- Pond liner
- Soil remediation
- Exposed applications
- Oil and gas
- Irrigation reservoirs and canals
- Water management
- Hydroponic farming
- Fracking

Panel Size Parameters:

Maximum size: Flat bed truck - 75,000 sq ft; LTL (palletized) - 18,000 sq ft

Width: 12' width increment standard, 6' increment width available for an additional fee

Length: Any desired length in 1' increments up to 300' long

Overall weight: Not to exceed 6,000 lbs.

Preferred maximum length: 300 ft

Material

Test	Test Method	Result
Nominal Thickness	ASTM D-1777	24 mil
Weight	ASTM D-5261	11.5 oz/yd ²
Nominal Weave	-	12 x 10 ppi
Tensile Strength (Grab Method)	ASTM D-751	MD352 lbs CD300 lbs
Trapezoidal Tear	ASTM D-4533	110 lbs
Mullen Burst	ASTM D-751	680 psi
Accel. UV Weathering (after 2000 hours exposure)	ASTM G-154	<90%
Hydraulic Conductivity	ASTM D-4491	0.0 cm/s
Hydrostatic Resistance	ASTM D-751	380 psi
Puncture Resistance	ASTM D-4833	176 lbs
Low Temperature Flex	ASTM D-2136	-60°F
Penetration Resistance Motor Oil	ASTM D-F903	PASS
Carbon Black Content	ASTM D-4218	3.6%
Factory Fabricated Seams: Peel Strength (lbs/in, min)	ASTM D-7747(A)	4
Shear Strength (lbs/in, min)	ASTM D-7747(A)	90

These data specifications are based on tests believed to be reliable. However, these are laboratory tests that may not simulate actual use conditions. They are provided for your informational purpose only. No warranty, express or implied, including any other further warranty of fitness for a particular purpose or merchantability is made by this specification sheet.