

# HYDRALINER® 1200

Hydraliner® 1200 is a 3-ply laminate combining two layers of linear low density polyethylene and a high-strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material.

## TECHNICAL DATA

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Thickness, Nominal	D-5199	8 mil	0.20 mm
Weight	D-751	38 LB/1000 FT <sup>2</sup>	18.6 KG/100 M <sup>2</sup>
3" Load @ Yield	D-882	92 LBF	409 N
		65 LBF	289 N
3" Load @ Break	D-882	3050 PSI	21 MPA
3" Elongation @ Break	D-882	450 %	450 %
Tongue Tear	D-2261	21 LBF	93 N
Trapezoidal Tear	D-4533	25 LBF	111 N
PPT Resistance	D-2582	31 LBF	138 N
Dart Impact Strength	D-1709	1.6 LBS	730 G
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.047 Grain/Hr•Ft <sup>2</sup> •in.Hg	2.70 NG/(PA•S•M <sup>2</sup> )

## FEATURES & BENEFITS

- Multiple layers and cord reinforcement resist punctures and tears.
- UV stabilization protects the material from degradation during extended exposure to sunlight.
- Cold-crack resistance eliminates failures in extremely cold temperatures.
- Low permeability greatly inhibits moisture transmission.
- Flexibility and light weight allow for easy handling and quick installation.
- Custom fabrication is available to meet your exact specifications.
- Long life expectancy allows for significant cost savings through reuse and fewer replacements.
- Class C, ASTM E-1745-11 Standard Specification for water vapor retarders used in contact with soil or granular fill under concrete slabs.



# SUGGESTED APPLICATIONS

- Pallet, cable reel and drum covers for outside storage.
- Custom bags and tubing.
- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners.
- Floor covers, dust partitions and cleanroom enclosures.
- Soil covers to control leachate for stockpiles and landfills.
- Agricultural storage systems, hay covers and windbreaks.
- Athletic field and equipment covers.
- Interim landfill covers
- Architectural vapor retarder for underslab, walls, ceilings and in roofing systems.

# ORDERING INFORMATION

## COLORS AND SIZING

Standard stock is 4 ft. x 100 ft. white rolls.

Additional colors and sizes are available by special order, but subject to additional shipping rates and longer delivery times.

## USABLE TEMPERATURE RANGE

Minimum: -45°F -42°C

Maximum: 170°F 77°C

## OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 30 to 48 months.



Hydraliner is distributed by INTECH ANCHORING SYSTEMS | [intechanchoring.com](http://intechanchoring.com)  
st. louis 8250 Bunkum Rd, Caseyville, IL 62232 | michigan 35850 Industrial Rd, Livonia, MI 48150  
o 800.223.7015 | f 618.398.5722 | f 734.432.5119