

# HYDRALINER® 1600

Hydraliner® 1600 is a 3-ply laminate combining two layers of U.V. stabilized coextruded 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	12 mil	0.30 mm
Weight	D-751	57 LB/1000 FT <sup>2</sup>	27.8 KG/100 M <sup>2</sup>
3" Load @ Yield	D-882	110 LBF	489 N
		92 LBF	409 N
3" Load @ Break	D-882	2600 PSI	17.9 MPA
3" Elongation @ Break	D-882	475 %	475 %
Tongue Tear	D-2261	32 LBF	142 N
Trapezoidal Tear	D-4533	36 LBF	160 N
PPT Resistance	D-2582	38 LBF	169 N
Dart Impact Strength	D-1709	1.30 LBS	590 G
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.0158 Grain/Hr•Ft <sup>2</sup> •in.Hg	1.06 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 12 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 36 to 60 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