

Type 1-HC Cross-Laminated 3 Mil Ice Rink Liner

Product Description

Type 1-HC Cross Laminate Geo Ice Rink Liners are produced by cross-laminating two sheets of White high density polyethylene, creating additional strength for optimum puncture and tear resistance for your backyard ice & hockey rink. This unique process aligns the molecular structure of the high density polyethylene intensifying the sheet's resilience creating an Ice Rink Liner having equal strength in all directions. The Type 1-HC Cross Laminate Geo Ice Rink Liner is an excellent choice for your ice hockey and ice skating rink liner applications. Not only will the rugged qualities of the Type 1-HC Cross-Laminate Geo Ice Rink Liner withstand the most demanding ice skating conditions, it will not rot or mildew and is resistant to most chemicals, salt and acids making this a valuable multi-season ice rink liner. Type 1-HC Cross Laminate Geo Ice Rink Liners are an excellent choice for applications requiring greater performance than common 6 mil plastic sheeting

This ice rink liner is guaranteed to remain flexible at 70 degrees below zero. Minimum Use Temperature: Minus (-) 70 Degrees F.

Size & Packaging

Type 1-HC Cross Laminate Geo Ice Rink Liners are available in a variety of widths and lengths. All panels are accordion folded every 4 to 5 feet and tightly rolled on a heavy-duty core for ease of handling and time-saving installation. Type 1-HC Cross Laminate Geo Ice Rink Liner available dimensions:

AVAILABLE WIDTH: 5' increments starting at 20' width (i.e. 20', 25', 30', 35', 40', Etc...)

AVAILABLE LENGTH: 5' increments starting at 50' length with a maximum of 500' (i.e. 50', 55', 60', 65', 70' Etc...)

Note: Please keep in mind your backyard or commercial ice rink will be smaller than your Ice Rink liner. Estimate an additional 5' of ice rink liner in both width and length to obtain the ice rink size you desire.



Type 1-HC Cross-Laminated 3 Mil Ice Rink Liner (3W)



Type 1-HC Cross-Laminated 3 Mil Ice Rink Liner

PROPERTIES	TEST METHOD	Imperial	Metric
APPEARANCE		Translucent/White	
% LIGHT TRANSMISSION	ASTM D1003	41%	41%
THICKNESS, NOMINAL		3 mil	0.076 mm
WEIGHT		14 lbs/MSF	68 g/m ²
*1" TENSILE STRENGTH	ASTM D882	6151 psi	42.4 mPa
ELONGATION AT BREAK	ASTM D882	224%	224%
*GRAB TENSILE	ASTM D751	66 lbf	294 N
*TONGUE TEAR	ASTM D751	15 lbf	67 N
*TRAPEZOID TEAR	ASTM D4533	27 lbf	120 N
MULLEN BURST	ASTM D751	50 psi	344 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C
PERMEABILITY			
WVTR	ASTM E96 Method A	0.02 g/100in ² /day	0.31 g/m ² /day
	ASTM E96 Method E	0.15 g/100in ² /day	2.33 g/m ² /day
PERM RATING	ASTM E96 Method A	0.045 Perms grains/(ft ² ·hr·in·Hg)	0.03 Perms g/(24hr·m ² ·mm Hg)
	ASTM E96 Method E	0.07 Perms grains/(ft ² ·hr·in·Hg)	0.05 Perms g/(24hr·m ² ·mm Hg)
O ₂ PERMEABILITY	*ASTM D1434	85 cc/100in ² /day @77°F	1318 cc/100in ² /day @25°F

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GEOCHEM, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.