

Type 1-HR Reinforced Rip-Stop 6 Mil Ice Rink Liner

Product Information

Type 1-HR Reinforced Geo Ice Rink Liners are economical, Super White Reinforced 6 Mil film designed for your backyard ice and hockey rink with excellent puncture resistance and high tear strengths. A heavy-duty scrim reinforcement, laminated between two layers of virgin high-strength polyethylene film, results in a material that resists punctures and immediately stops tears. The addition of ultra violet inhibitors to our Type 1-HR Reinforced Geo Ice Rink Liners, respectively, increases outdoor longevity. Type 1-HR Reinforced Geo Ice Rink Liners is an excellent choice for applications requiring greater performance than common 10 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-HR Reinforced Geo Ice Rink Liners are available in a variety of widths and lengths. All panels are accordion folded and tightly rolled on a heavy duty core for ease of handling and time-saving installation. Type 1-HR Reinforced Geo Ice Rink Liners are tear resistant with minimal heat build up for a longer lasting ice. Type 1-HR Reinforced Geo Ice Rink Liner available dimensions:

AVAILABLE WIDTH: 6' increments starting at 24' Width
(i.e. 24', 30', 36', 42', 48', 54', 60', 66', 72', 78', 84', 90', Etc...)

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

Stock Widths: 24' & 36' Wide X Length [Ships Approx: 24 - 72 Hours]

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.



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PROPERTIES	TEST METHOD	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
APPEARANCE		Black/Black		White/Black		White/White	
THICKNESS, NOMINAL		6 mil	0.15 mm	6 mil	0.15 mm	6 mil	0.15 mm
WEIGHT		24 lbs/MSF 3.5 oz/yd ²	117 g/m ²	27 lbs/MSF 3.9 oz/yd ²	132 g/m ²	28 lbs/MSF 4.0 oz/yd ²	137 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement					
TENSILE STRENGTH lbf/in. (N/cm)	ASTM D7003	60 lbf	105 N	60 lbf	105 N	60 lbf	105 N
ELONGATION AT BREAK	ASTM D7003	450 %	450 %	450 %	450 %	450 %	450 %
GRAB TENSILE	ASTM D7004	75 lbf	333 N	75 lbf	333 N	75 lbf	333 N
*TRAPEZOID TEAR	ASTM D4533	50 lbf	222 N	50 lbf	222 N	50 lbf	222 N
MULLEN BURST	ASTM D751	60 psi	413 kPa	60 psi	413 kPa	60 psi	413 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C	-70°F	-57°C
WVTR	ASTM E96 Method A	0.03 g/100in ² /day	0.5 g/m ² /day	0.03 g/100in ² /day	0.5 g/m ² /day	0.03 g/100in ² /day	0.5 g/m ² /day
PERM RATING	ASTM E96 Method A	0.07 Perms g/(ft ² ·hr·in·Hg)	(0.05) Perms g/(24hr·m ² ·mm Hg)	0.07 Perms g/(ft ² ·hr·in·Hg)	(0.05) Perms g/(24hr·m ² ·mm Hg)	0.07 Perms g/(ft ² ·hr·in·Hg)	(0.05) Perms g/(24hr·m ² ·mm Hg)

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.