

# Type 1-HR8 Reinforced Rip-Stop 8 Mil Ice Rink Liner

## Product Description

Type 1-HR8 Reinforced Geo Ice Rink Liners are economical, Super White Reinforced 8 Mil film designed for your backyard ice & 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, with a third layer of molten polyethylene. The white outer layer contains UV inhibitors and thermal stabilizers and the black outer layer contains carbon black to enhance outdoor life. The white outer layer is also designed to reduce heat build up and condensation. This results in a material that resists punctures and immediately stops tears. Type 1-HR8 Reinforced Geo Ice Rink Liners are 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.

Type 1-HR8 Reinforced Geo Ice Rink Liners are available in a variety of widths and lengths.

## Size & Packaging

All panels are accordion folded and tightly rolled on a heavy duty core for ease of handling and time -saving installation. Type 1-HR8 Reinforced Geo Ice Rink Liners are tear resistant with minimal heat buildup for a longer lasting ice. Type 1-HR8 Reinforced Geo Ice Rink Liner available dimensions:

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

AVAILABLE LENGTHS: 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

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
APPEARANCE		Black/Black or White/Black		Black/Black or White/Black	
THICKNESS, NOMINAL		8 mil	0.20 mm	12 mil	0.30 mm
WEIGHT		38 lbs/MSF 5.5 oz/yd <sup>2</sup>	185 g/m <sup>2</sup>	58 lbs/MSF 8.4 oz/yd <sup>2</sup>	283 g/m <sup>2</sup>
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
*TENSILE STRENGTH lbf/in. (N/cm)	ASTM D7003	60 lbf	105 N	64 lbf	112 N
*ELONGATION AT BREAK	ASTM D7003	600 %	600 %	650 %	650 %
*GRAB TENSILE	ASTM D7004	80 lbf	356 N	100 lbf	445 N
**TONGUE TEAR	ASTM D5884	30 lbf	133 N	40 lbf	178 N
CBR PUNCTURE RESISTANCE	ASTM D6241	240 lbf	1068 N	290 lbf	1290 N
MULLEN BURST	ASTM D751	70 psi	482 kPa	100 psi	689 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°C	-57°C	-70°C	-57°C
WVTR	ASTM E96 Procedure B	0.030 g/100in <sup>2</sup> /day	0.46 g/m <sup>2</sup> /day	0.023 g/100in <sup>2</sup> /day	0.35 g/m <sup>2</sup> /day
PERM RATING	ASTM E96 Procedure B	0.066 Perms g/(ft <sup>2</sup> ·hr·in·Hg)	(0.044) Perms g/(24hr·m <sup>2</sup> ·mm Hg)	0.051 Perms g/(ft <sup>2</sup> ·hr·in·Hg)	(0.034) Perms g/(24hr·m <sup>2</sup> ·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.