

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.