



# ACRYLITE® RinkShield spectator protection

Engineered for Hockey

ACRYLITE® 



## The choice is clear

Today an increasing number of professional hockey organizations are transitioning from glass to acrylic shielding systems. Engineered specifically for hockey arenas, ACRYLITE® RinkShield offers a solution that is safer, lighter, stronger, more flexible and easier to maintain while providing fans with an improved viewing experience.

ACRYLITE® RinkShield gives hockey fans the best seat in the house. Players and pucks hit the boards, sound is amplified and the excitement level goes up! At the same time, the flexibility and forgiveness of ACRYLITE® RinkShield improves player safety and reduces injury.

## ACRYLITE® RinkShield, engineered for hockey...

Designed specifically to meet professional-level hockey's shielding regulations and ASTM F1703-13. ACRYLITE® RinkShield has been developed to a specific thickness designed for extreme loads and high velocity impacts. ACRYLITE® RinkShield has been designed to protect both fans and players from extreme hockey forces. RinkShield outperforms industry deflection benchmarks for spectator shielding. A three-fold reduction in reaction forces over tempered glass significantly reduces the effect of impact on players and the possibility of injury. This is just one reason why arenas are making the switch from extremely heavy glass to lighter weight acrylic.

Hockey fans, whether in the arena or watching a televised broadcast, demand crystal clear viewing. ACRYLITE® RinkShield provides optical clarity with specially manufactured tolerances ensuring enhanced optical performance for improved spectator viewing.

## Multi-purpose facilities

Whether converting from hockey to concert or back again, easy-to-handle ACRYLITE® RinkShield allows for speed and ease, reducing cost and saving time.

Weighing 100 lbs less per pane than heavy tempered glass, RinkShield is easier to handle and fabricate, further enhancing its speed and ease. Facility personnel can customize acrylic shielding on-site for camera portals and rink entrance gates, allowing the arena facility to cut down on the amount of replacement stock they maintain.

Even large panels can be moved by two people, eliminating the need for specialty lifts.



## Replacement sheets

RinkShield is easier to store, handle and fabricate. Arena staff can quickly and efficiently remove poly film masking, minimizing arena downtime when replacing broken glass.

On-site fabrication allows arena staff to customize ACRYLITE® RinkShield, increasing arena flexibility and reducing inventory.

Multi-purpose spectator facility user groups have discovered the advantages of acrylic shielding. Professional sports leagues and other organizations are using ACRYLITE® RinkShield for entire arenas, replacement shielding and a variety of specific arena applications.

## The clear choice... for your fans

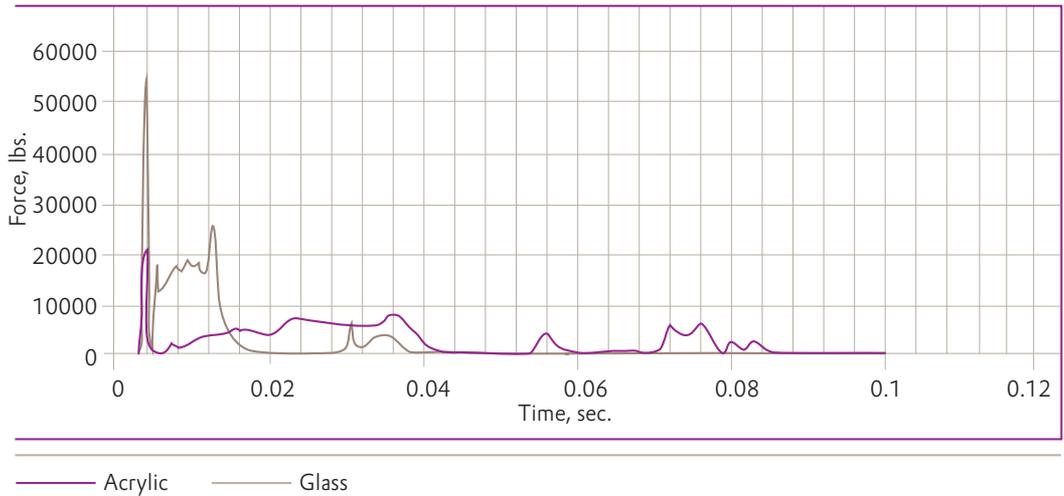
ACRYLITE® RinkShield offers fans the ultimate viewing experience. Thanks to its crisp optical clarity and larger uninterrupted viewing surfaces, fans feel closer to the game than ever before. These larger panels reduce mullion supports by up to 30%. In addition, ACRYLITE® RinkShield also offers outstanding impact resistance and is shatterproof, providing your front-row fans with safe hockey viewing.



## The clear choice... for your players

Computer models generated by Algor, Inc. show that a 200-lb. player skating at 15 mph impacting tempered glass will generate a reaction force of over 54,000 lbs. Under the same conditions, a 200-lb. player impacting acrylic shielding would generate less than 21,000 lbs. of reaction force.

### Reaction force on player - acrylic vs. glass shield



## A custom fit

With the flexibility of ACRYLITE® RinkShield, it's easy to find the perfect solution for your unique needs.

- Full-gauge .545" RinkShield is available in 4 stock sizes of 50 x 99, 62 x 99, 74 x 99 and 80 x 120.
- Custom cut and arena ready finishing are available.

### Learn more

Contact us today to find out how ACRYLITE® RinkShield can take your facility to the next level. Call us at 1 888 233-4527.

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Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment).

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