

# CAN-ICE SYNTHETIC ICE SYSTEM



## Premium surface for increased performance

### Properties Include

- Excellent glide & maximum slide
- Low co-efficient of friction
- High impact strength
- Light weight
- Temperature stability
- 100% recyclable
- Simple maintenance and cleaning/no special supplies required
- Color options - Glacier Blue, Bright White and Pond Grey

The Can-Ice synthetic ice system features a proprietary and enhanced **UHMW** (*ultra-high molecular weight polyethylene*) polymer formulation specifically developed to replicate the properties and performance characteristics of natural ice. Molecular weight is in excess of 3.0 Million and provides optimal hardness, glide and long term stability in surface performance.

Can-Ice panels are made in thickness of .375" (10 mm) and either 4'x5' or 4'x10' nominal panel size.

Panel weight per 4'x10' panel is ~78 lbs for .375" thick panels and ~ 39 lbs for 4'x5' panels.

### Technical Specifications

Property	Test Method	Typical Values
Density	ASTM D792	0.93 g/cc
Tensile strength, yield	ISO 527-2	2700 psi
Elongation to break	ISO 527-2	350%
Co-efficient of friction	ASTM 1894	6 microns
Shore hardness (D)	ASTM D2240	64
Expansion co-efficient	ASTM D696	1.1x10 <sup>-4</sup> /F
Melting point	ASTM 3417	135 C

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