

NUVEX® Slidex Modified PE

Skate year round, indoors and out, on the fastest artificial ice surface available.

Super-low friction formulation integrated into the sheet material delivers the fastest polymeric ice skating surface available. High abrasion resistance and inherent toughness combine for long product life.

Nuvex Slidex sheet is an enhanced performance polyethylene material specifically developed for ice-skating. Its unique formulation provides an exceptionally fast and smooth skating surface. Unlike some other artificial surfaces, the “embedded” modifiers deliver excellent performance without the need for messy, short-lived coatings or lubricants. The material itself is also inherently impact resistant for durability even at cold outdoor temperatures. Its superior abrasion resistance over standard polyethylene products also promotes long life.

In addition, Nuvex low stress sheet extrusion technology provides exceptional flatness in cutting, installation and in use.

Slidex sheet is available in both standard “squared” edges and with “jigsaw” cut edges that can be pieced together for easy installation.

Compare Nuvex Slidex sheet to any other polymeric ice skating surface and see for yourself why more and more facilities owners and managers prefer it. Contact us for samples and an authorized distributor near you.

1800 170 001



Advantages

- Exceptionally fast surface due to its low coefficient of friction
- Requires no messy surface coatings or spray-on lubricants
- Highly resistant to abrasion and impacts for long life
- Superior flatness for easy cutting and installation
- Resists staining and moisture

Proven applications

- Year round public and private indoor and outdoor rinks
 - Practice rinks
 - Residential, scholastic and municipal facilities

Configurations

- Standard sizes
 - Thicknesses: 10mm 12mm 19mm
 - Width: 1220mm
 - Length: 2440mm
- Standard color
 - Ice white (natural)
- Standard finish
 - Smooth 2 sides
- Custom sizes, colors, finishes
 - Lengths over 2 440mm
 - Finishes: matte, textured
 - Colors: N/A
 - Custom items require minimums

NUVEX®
ARCHITECTURAL PRODUCTS

Polyethylene (PE) Materials Tested	Coefficient of Friction Per ASTM 1894 Test	
	Static	Kinetic
HMW-PE (High molecular weight PE)		0.105
UHMW-PE (Ultrahigh molecular weight PE)	0.185	0.126
UHMWPE with additive	0.200	0.149
Slidex Modified PE Sheet	0.164	0.097

Compare Nuvex Slidex performance

Independent laboratory tests show Nuvex Slidex outperforms other polymeric ice-skating surfaces on static and kinetic coefficient of friction (CoF). Static CoF indicates resistance to motion from a stopped position; kinetic indicates resistance once in motion.

Test conditions: Sled: 200 grams - Speed: 150mm/minute
Travel: 6 inches - Plane: Stainless steel - Temp: 20.6 °C

Fabrication: NUVEX Slidex sheet can be sawn, routed, drilled and machined using conventional tools.



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