



PANORAMA INNOVA™ ICE

Who says you have to wait until spring to install perforated window films?

panoRama Innova™ Ice 60/40 Perforated Film is suitable for vehicle and retail applications as low as -15°C. It's an excellent product for winter retail programs and is easily removable for up to 6 months.



Printing Methods

- Digital - Solvent, Eco-Solvent & Latex
- Screen Print
- Offset

Material Sizes

- 54" x 33 Yards
- By the Linear Yard

Uses

- Cold-Weather Applications
- Retail Windows
- Event Graphics
- Promotions
- Exterior Applications up to 2 Years

Advantages

- The Only Choice for Cold Weather Installations.
- Universal Liner for All Printing Methods.
- Clean Removability for up to 6 Months.
- Available with a 60/40 Film/Hole Pattern.
- Excellent Temperature Resistance and Dimensional Stability.

PANORAMA INNOVA™ ICE SPECIFICATIONS

Material

Face Film	Printable White Perforated PVC
Back Side	Black for Maximum Contrast
Adhesive	Removable Semi-Permanent Clear Solvent Acrylic
Liner	Universal Liner – 5 mil (135μ +/-10μ)
Film Thickness	6 mil (145μ +/-10μ)
FR Certification	ASTM E84, M1, B1, DIN EN 45545-2
Hole Diameter	1.5 mm

Durability

Interior	Up to 5 Years
Exterior	Up to 3 Years - Vertical Exposure Under Normal Conditions
Environment	Humidity & Solvent Resistance – Good
Shelf Life	1 Year
Storage Requirements	Store at 59°F to 68°F (+15°C to +20°C) and Relative Humidity between 45% to 65%
Repositionable	No

Application/Removal

Application Temperature	-15°C to +50°C (+5°F to +122°F)
Service Temperature	-25°C to +70°C (-13°F to +158°F)
Removability	Clean Removal with No Adhesive Residue, up to 6 Months - Adhesion May Increase Over Time
Removal Temperature	+10°C (+50°F) or Greater
Exclusions	NOT to be Applied to Fresh Paint, Polycarbonate and Some PVC (No Exhaustive List Available)
Overlaminates	Short-Term: Signmax® Optically Clear Long-Term: 3M™ 8518 or 3M™ 8914