



## panoRama Innova20, 30, 40, 50

A self-adhesive, outside mount, perforated one-way vision window film for short- to medium-term applications.

Offers incredible quality and affordability for a wide variety of applications.

Available in 80/20, 70/30, 60/40, and 50/50 film/open ratios.

www.qmls.com

### APPLICATIONS

- Retail Windows
- Building Wraps
- Rear and Side Vehicle Windows
- Exterior Applications up to 2 Years

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## MATERIAL

Face Film	Printable White Perforated PVC
Back Side	Black for Maximum Contrast
Adhesive	Removable Semi-Permanent Clear Solvent Acrylic
Liner	Universal Paper Liner – 8 mil (220µ +/-10µ)
Film Thickness	6 mil (145µ +/-10µ)
Hole Diameter	1.5 mm
FR Certification	ASTM E84, M1, B1, DIN EN 45545-2

## DURABILITY

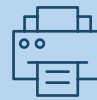
Interior	Up to 5 Years
Exterior	Up To 3 years - Vertical Exposure Under Normal Conditions
Environment	Humidity & Solvent Resistance – Good
Shelf Life	1 Year
Storage Requirements	Store at 59°F to 68°F (+15°C to +20°C) and Relative Humidity between 30% to 70%
Repositionable	No

## APPLICATION/REMOVAL

Application Temp	+50°F to +86°F (+10°C to +30°C)
Service Temp	+0°F to +122°F (-17°C to +50°C)
Removability	Clean Removal with No Adhesive Residue, up to 6 months - Adhesion May Increase over Time
Removal Temp	+50°F (+10°C) or Greater
Exclusions	NOT to Be Applied to Fresh Paint, Polycarbonate, and Some PVC (No Exhaustive List Available)

Surface must be clean and dry. Prevent contact with solvent or ammonia-based cleaners. For best results, clean installation surface with a mild detergent and water and dry thoroughly. ALWAYS clean and dry glass surface prior to application. For full installation and removal recommendations, please refer to "panoRama Exterior Mount Perforated Window Film Application & Removal Guide."

\*For critical substrates and all surfaces, please test PRIOR to application.



## Printing Methods

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



## Material Sizes

- 54" x 1312' • 54" x 100'
- 60" x 1312' • 60" x 100'



## Advantages

- Great Quality at an Affordable Cost
- Excellent Dimensional Stability
- Easy Removability – up to 6 Months without Residue
- Laminate with panoRama Cast or panoRama Protect for Maximum Protection and Durability

## → For more information

For additional product information, performance, and warranty guidelines please contact Quality Media and Laminating Solutions. 800-552-9427 • [www.qmls.com](http://www.qmls.com)