

Self-adhesive Specialities

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM604 Perforated Window Film ClassicVue - M1 200 µm

Product Description Perforated (1.5 mm perforation), flexible, pressure-sensitive, exterior-mount film for solvent and UV curable inks. The film has a bright white printing surface, a black adhesive side and two release liners.

Physical Properties

Total thickness (µm)	440		Open area (%)	50	
Vinyl thickness (µm)	200		Fire retardant	M1	
Perforation size (mm)	1.5				

All values listed are target values

Applications/features

- Windows, glass doors or other transparent surfaces
- Vehicle graphics
- Transit advertising
- Shopping centres
- Small perforations allow detail and text
- Easy application and removal
- One-way visibility
- Reduces heat and glare from sun

Available Widths (mm)

3"core	1370																		
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Refer for our current offering to mediaguide.oce.com

Storage Conditions

Shelf life: 1 year. Temperature 21°C, Relative Humidity 50%
 Repack opened rolls when not in use. Allow material to adapt to room conditions for 24 hours before printing.

Print Conditions

Best results are obtained at 20°C and 35-70% RH.

Environment, Health & Safety

No Material Safety Data Sheet required. Waste not suitable for recycling.

Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C
Yes*	no	no	

*Use special laminate DOL4000

Outdoor Use

This material is developed for outdoor use. Expected lifetime exterior 3 years (-17°C to 62°C).
 6 Months for clean removal. Adhesion may increase with time.

Colour Profiles

Canon develops high-quality colour profiles for media / ink / printer / RIP combinations.
 Check availability of profiles for your printer on mediaguide.oce.com



Processing Guidelines

Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to calibrate the printer before printing and to make a test print.

Use edge guards to prevent risk on head-strikes. Increasing the print head-height adjustment will minimize the risk on head-strikes.

The ink on the vinyl dries quickly. However a lot of ink will get through the perforation onto the transparent release liner. The ink on this release liner dries only slowly, so take care when removing the transparent release liner. The ink could stain your graphic. Print results will vary for different printer ink combinations.

Canon Colour profiles include recommended ink restrictions and printer parameters. Depending on environment and application, printer parameters may have to be adjusted slightly in order to obtain the best results.

Application guidelines

Apply to dry, clean glass surface. Use plain soap and water, rinse and dry the glass well. Do not use ammonia or other solvent-based glass cleaners prior to application. Avoid stretching the laminated graphic during installation. The vinyl has a memory and, if stretched, may return to its original shape, causing the film to lift off the glass later. For unknown substrates please test on a small area prior to the final application.

Temperature of glass must be moderate; between approx. 6°C and 32°C. In cold weather, apply film in late afternoon, after windows have warmed up, applying film to glass that is too cold may adversely affect adhesion of film. In hot weather, apply film in the early morning, while glass is still cool. Applying film to glass that is too hot can cause the film to stretch during installation.

Lift the upper edge of the liner away from the vinyl and fold back approximately 3-6 inches (depending on the size of the graphic).

Carefully position the film so that it is properly aligned on all sides, then press the upper corners in place using light pressure. Using your hand or a soft plastic squeegee, lightly press the film in place.

Working from the top of the graphic to the bottom, continue by peeling away more of the liner and applying light pressure to the film.

Continue in this manner until the liner is completely removed and the window graphic is in place. Using a utility knife, carefully trim away any unneeded portion of the graphics. Finally, squeegee the film from the center and work outward in all directions. Be sure to squeegee the edges firmly in place. Once mounted, the image can be cleaned with soap and water. Minimum application temperature: 60 C.

Removal: Remove by peeling from surface. Remove adhesive residue on older installations if necessary.

Laminating guidelines

Laminate to protect the graphic when exposed to abrasion. Lamination will also prevent water filling up the perforations and impairs visibility when it rains or the window is washed.

Allow prints at least 24 hours to dry and outgas before applying an overlamine. After applying an overlamine wait 24 hrs before applying, allowing the overlamine's adhesive time to bond adequately to the vinyl film.

When using a cold laminator (recommended method), proper tension control is important to prevent wrinkling and tunneling. Preferably do not roll the graphics. If it is necessary to roll the graphics, be sure to roll them very loosely with the printed/laminated side out.

When shipping graphics, lay them flat between layers of cardboard or other protective material, or roll the graphics with the printed/laminated side out onto a core that is large enough in diameter to prevent the liner and overlamine from wrinkling or tunneling. Use a shipping tube which diameter is large enough to easily accommodate the loosely rolled graphics. Laminates will reduce the see-through effect of this film because of reflection. We recommend DOL4000 laminate since it has a very high clarity and is especially designed to keep the see-through properties of the film as optimal as possible.

Standard disclaimer:

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