

Toner

Water

(eco) Solvent

UVgel

Latex

# IJM677 Perforated Window Film

## 150 $\mu\text{m}$

### Product Description

Perforated, self-adhesive, exterior mount film with clear, removable adhesive and a paper release liner.

### Physical Properties

Vinyl Thickness	150 $\mu\text{m}$	ISO 534	Perforation size	1.5 mm	
Weight liner	80 g/m <sup>2</sup>	ISO 536	Open area	50 %	

All values listed are target values

### Applications/features

Window displays	Good print quality
Shopping centre advertising	Excellent price/quality ratio
One-way visibility	Suitable for solvent and eco solvent printing
	Excellent view through
	Black back with clear removable adhesive

### Available Widths (mm)

3"core	1370																	
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Refer for our current offering to [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

### Storage Conditions

Shelf life: 1 year. Temperature 10-20°C, Relative Humidity 35-65%  
 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 outdoor is 2 years (relates to the lifetime of the vinyl). Adhesion will 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 [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

**Printing guidelines**

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves. Make sure that the media comes not into contact with grease, oil, silicon, and dirt to avoid printing defects.

Load the media with care in the printers. Incorrect loading can cause skewing or creasing. Use a take-up device to prevent wrinkling.

It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer/ink combinations.

Canon media profiles include recommended settings for ink restrictions and printer parameters. Depending on fluctuations in environment, printer, ink, media and applications, printer parameters may have to be adjusted slightly, in order to obtain the best results.

For high-speed production printing, using an external drying unit is recommended.

**Application guidelines**

The minimum application temperature is +5 °C.

The service temperature is -20 °C to +90 °C.

Clean the surface with plain soap and water, then rinse and dry the surface well. Remove the release liner and apply the adhesive-backed image to the surface. Once mounted, the image can be cleaned with soap and water. Do not overlap seams or edges when mounting a perforated window film.

Trim the edges carefully to form a butt seam.

Trimming should be done prior to application to avoid scratching the window.

It is advised to seal all seams with an edge sealer.

This will prevent water and contaminants from getting under the film and obstructing viewing or contaminating the adhesive. Sealer should be applied carefully to completely seal the edges and also to minimize the distortion caused by the sealer from the viewing side of the graphic.

Follow all directions of sealer manufacturer to prevent improper application of edge sealer. Use a 6mm brush to apply sealer in order to have greater control of the application. Protect the perforated window film from contact with ammonia and solvent-based glass cleaners.

For unknown substrates please test on a small area prior to the final application.

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.

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.

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