

## Self-adhesive Vinyl

Toner
Water
(eco) Solvent
UVgel / UV
Latex

# IJM614 Polymeric Vinyl White, Gloss, Permanent 80 µm

### Product Description

IJM614 Polymeric Vinyl is a high-quality, calendared, self-adhesive vinyl film with a glossy finish and a permanent adhesive for outdoor usage.

### Physical Properties

Thickness	230 µm	DIN 53353	Tensile strength*	28/26 N/mm	DIN 53455
Thickness [w/o liner]	80 µm	DIN 53353	Elongation at break*	150/200 %	DIN 53455
Adhesion on glass 48h	>19/25 N/mm	Finat No.1	Dimensional stability	< 0.03 %	[48hr at 70 °C]

\* MD/CD

### Applications/features

Outdoor durable signage  
Vehicle graphics (only flat surfaces)  
Excellent print quality  
High gloss, white surface  
Permanent adhesive  
PE-coated release liner  
for (eco)-solvent, UV curable and Latex printing

### Available Widths (mm)

3"core	1100	1372	1600								
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Refer for our current offering to [mediaguide.oce.com](https://mediaguide.oce.com)

### Storage Conditions

Shelf life: 2 years. Temperature 15-25°C, Relative Humidity 35-65%  
Repack opened rolls when not in use. The material should be stored in its hanging fixations of the box.

### Print Conditions

Best results are obtained between 15-25°C and 35-65% RH.

### Environment, Health & Safety

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

### Lamination Compatibility

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

### Outdoor Use

The material is designed for outdoor use. The outdoor durability of the unprinted film is 7 years.

### Colour Profiles

Canon develops high-quality colour profiles for various media / ink / printer / RIP combinations.  
Check availability of profiles for your printer on [mediaguide.oce.com](https://mediaguide.oce.com)

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## Processing Guidelines

### 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 Colour 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

Optimal bonding properties are obtained on smooth and flat, dirt-and grease-free surfaces. Fresh lacquered surfaces should not be used for the application of the vinyl foil. The vinyl can be applied to a large number of suitable flat and smooth surfaces (dirt-and grease-free). Pretesting the adhesive onto unknown surfaces is strongly advised. When applying, temperature should be higher than 10°C. Service temperature range: -20°C to +70°C. Removal of media at 15-25°C. Any residue can be removed with soapy water or petrol.

### Finishing guidelines

Let the prints dry for at least 48 hours before laminating. Only pressure sensitive laminates are recommended for outdoor usage. Lamination will improve the UV resistance of the print and protects it against abrasion.

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