

## Self-adhesive Vinyls

|               |
|---------------|
| Toner         |
| Water         |
| (eco) Solvent |
| UVgel / UV    |
| Latex         |

# IJM642 Monomeric Vinyl Matte Removable – B1 100 µm

### Product Description

A white, monomeric, calendared, self-adhesive vinyl with a semi-permanent waterbased clear adhesive, backed with a siliconized kraft release liner.

### Physical Properties

|                       |                      |           |                      |                        |            |
|-----------------------|----------------------|-----------|----------------------|------------------------|------------|
| Thickness             | 100 µm               | ISO 534   | Adhesive strength    | 9 N/25mm               | FINAT TM 1 |
| Weight liner          | 135 g/m <sup>2</sup> | ISO 536   | after 24hrs on steel |                        |            |
| Elongation at break   | > 160 %              | ISO 527-1 | Tensile strength     | > 24 N/mm <sup>2</sup> | ISO 527-1  |
| Dimensional stability | < 0.5 mm             | FINAT 14  | Flame Retardancy     | B1                     | DIN 4102   |

All values listed are target values

### Applications/features

Short to medium term indoor and outdoor advertising and promotion  
Point of sale applications  
Window decoration

Removable acrylic adhesive  
Kraft paper backing  
Excellent application on flat surfaces  
Self extinguishing, adhered to stainless steel

### Available Widths (mm)

|        |      |      |      |  |  |  |  |  |  |  |
|--------|------|------|------|--|--|--|--|--|--|--|
| 3"core | 1050 | 1370 | 1600 |  |  |  |  |  |  |  |
|--------|------|------|------|--|--|--|--|--|--|--|

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

### Storage Conditions

Shelf life: 2 years. Temperature 23°C, Relative Humidity 50% in original boxes  
Repack opened rolls when not in use.

### Print Conditions

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

### Environment, Health & Safety

No Material Safety Data Sheet required.

### Lamination Compatibility

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

### Outdoor Use

The vinyl is suited for short to medium term outdoor use, based on Central Europe climate. The actual outdoor life will depend on substrate preparation and exposure conditions. Also air pollution can affect outdoor performance. Laminating can prolong the outdoor performance.

### Colour Profiles

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

---

## Processing Guidelines

### Printing guidelines

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.

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

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 flat and smooth surfaces (dirt- and grease-free). Pre-testing the adhesive onto unknown surfaces is strongly advised.

Minimum application temperature for applying the vinyl is 10°C. Application temperature -20 to 70 °C.

The vinyl can be removed at 15-25°C. Heating the surface of the film with a hot air gun will ease removal. Any glue residue can be removed with soapy water or petrol.

IJM642 can be used outdoor without lamination. However, we recommend protecting the vinyl if it is subject to mechanical abrasion. Cold lamination protects against UV exposure and improves contrast and colour brilliance.

---

#### Standard disclaimer:

All specifications subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.