

Self-adhesive vinyls

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM640 Monomeric Vinyl Gloss Permanent – B1 100µm

Product Description

A white, monomeric, calendared, self-adhesive vinyl with a permanent acrylic adhesive, backed with a kraft paper release liner.

Physical Properties

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

All values listed are target values

Applications/features

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

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

Available Widths (mm)

3"core	1050	1370	1600							
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Refer for our current offering to 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 Warm: heat activated: 85°C - 95°C 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

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.

IJM640 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.

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