

Self-adhesive Vinyl

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM648 Smart Dot Self Adhesive Vinyl, Matt 100µm

Product Description

IJM648 Smart Dot Self Adhesive is a white matte monomeric vinyl with glue dots. After application the vinyl can be repositioned. After three days the maximum tack is reached. This vinyl can be applied with ease and without bubbles on big surfaces by untrained personnel. IJM648 is the ideal vinyl for short-term outdoor and medium-term use indoor applications such as window decorations and point of sale displays on solid surfaces

Physical Properties

Thickness	100 µm	ISO 534	Adhesive strength after 20 min	> 1 N/25mm	FINAT TM 1
Total Thickness incl liner	275 µm	ISO 534	Adhesive strength after 3 days	> 4,5 N/25mm	FINAT TM 1
Total weight	280 g/m ²	ISO 536			

All values listed are target values

Applications/features

Short to medium term indoor and short term outdoor advertising and promotion
Window decorations
Window graphics
Trade Shows

Dot adhesive technology
Easy to install
Bubble free

Available Widths (mm)

3"core	1067	1372	1524							
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Refer for our current offering to www.canon-europe.com/mediaguide

Storage Conditions

Shelf life: 1 year. Temperature 10 to 30°C, Relative Humidity 35 to 65 % in original boxes
Repack opened rolls when not in use.

Print Conditions

Best results are obtained between 15-30°C and 30-60% 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. After application the material can resist temperatures from -20 to 70 °C.

The IJM648 is designed especially for mid term indoor usage.

IJM648 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.

Due to the open structure on the back, water (rain) easily gets in between the surface and the vinyl, dissolving the glue, causing to vinyl to release from the surface. Do not use in full moisture or rainy outdoor applications.

The material 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 a surface cleaner like item 97003741 Surface Cleaner liquid

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