

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM614 Polymeric Vinyl White, Gloss, Permanent 80 µm

Product Description

This polymeric material is a high-quality, calendared, self-adhesive vinyl film with a glossy finish and a permanent adhesive for outdoor usage.

Physical Properties

Thickness total	230 µm	ISO 534	Dimensional stability	< -3 %	FTM 14
Thickness film	80 µm	ISO 534	Adhesion on steel	8 N/25mm	AFERA 5001
			after 20min		
Weight liner	140 g/m ²	ISO 536	Adhesion on steel	11 N/25mm	AFERA 5001
			after 48h		

All values listed are target values

Applications/features

Outdoor durable signage
Vehicle graphics (only flat surfaces)

Excellent print quality
High gloss, white surface
Permanent adhesive
PE-coated release liner

Available Widths (mm)

3"core	1067	1372	1600							
--------	------	------	------	--	--	--	--	--	--	--

Refer for our current offering to www.canon-europe.com/mediaguide

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
yes	no	no

Cold: pressure sensitive
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 www.canon-europe.com/mediaguide

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 loadings 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

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: -40°C to +90°C.

IJM614 is suitable to apply to wet surfaces.

Temporary

whitening may appear but will disappear after a short period once the adhesive has completely dried.

For removal we recommend to start with one corner and slowly peel off the surface with a 60° - 90° peel angle. It may be helpful to use a hot-air blower or metal scraper but this must be used with caution to avoid surface damage. In the unlikely event that some adhesive residues remain on the surface they can easily be removed with a lemon-based cleaner or solvent (e.g. heptanes, isopropylalcohol, acetone).

Laminating 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.

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.

Canon Inc.
canon.com

Canon Europe
canon-europe.com

English edition 1015

© Canon Europa N.V., 2019

