

Coated Papers

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM666 Outdoor Paper, Satin FSC®

130 g/m²

Product Description

High white, multilayer coated, water and outdoor resistant paper developed for solvent, latex, UVgel and UV curable inks.

Physical Properties

Weight	130 g/m ²	ISO 536	L*;a*;b*-values (D50 2°)	95; 1.2; -4.0	ISO 13655
Thickness	148 µm	ISO 534	Opacity	> 89%	ISO 2471
			Gloss 85°	47,5	ISO 2813

All values listed are target values

Applications/features

Indoor/outdoor signage and advertising
Billboard applications
City light posters
Suitable for most solvent, eco-solvent and UV curable inks
Excellent for UVgel
Excellent pasting properties, high scratch resistance
Excellent wet strength
Good color saturation and edge definition
High mechanical stability in a high humidity environment
FSC certified

Available Widths (mm)

3"core	914	1067	1270	1372	1600						
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Refer for our current offering to www.canon-europe.com/mediaguide

Storage Conditions

Shelf life 1 year. Temperature 10-30°C, Relative Humidity 30-65%
Repack opened rolls when not in use. Allow material to adapt to room conditions for 24 hours before printing.

Print Conditions

Best results are obtained between 15-25°C and 30-65% RH.

Environment, Health & Safety

No Material Safety Data Sheet required. Paper waste is suitable for recycling in most countries.
Please refer to local paper recycle station.

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

This paper is designed for indoor and outdoor application. The material can be applied for short-term outdoor use without any lamination. When soaked in water, the paper retains its dimension stability for 3 days.

Colour Profiles

Canon develops high-quality colour profiles for 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 loading can cause skewing or creasing. Use a take-up device is recommended.

It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer/ink combinations.

The ink limit, i.e. the maximum amount of ink, should be adjusted depending on the printer, ink, RIP software. This limitation of the amount of ink shortens the drying time and consequently accelerates the production process.

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.

Finishing guidelines

This paper can be pasted as a billboard paper.

The most important criteria is the right preparation of the billboard poster. After wetting the wet paper should be put air tight into a plastic bag (or into a box). It is important that IJM666 prints have the possibility to soak through completely before pasting.

We recommend to keep the IJM666 Paper wet for at least eight hours. Longer periods of time don't have any negative impact on the paper.

The user is responsible for appropriate microbiological precautions.

Many standard pastes can be used, Henkel UST 2500N Zellura adhesive has been tested.

Overlapping should be carried out with enough glue on the overlapped printed part. It is advisable to protect the edges and corners if the billboard hoarding is regularly cleaned.

Water resistant wood glue can be added for better adhesive strength. Additives like anti-freeze (e.g. glycols) will have a negative effect on the final pasted image.

The "wet" pasting method is not recommended for prints with UVgel/UV inks. Use the dry pasting method instead: apply the glue on the back of a dry print and on the billboard. Wait for a few minutes and then apply the print billboard. Applying glue on the front of the poster is not recommended, as this may result in damage to the print. Starch-based glues can be used. Some well-known glues in this category are: Henkel Zellura and Avebe Solvicol.

In the event that the paper is exposed to severe climatic conditions, or if it needs to be used for a longer period (> 3 months) of time, lamination is recommended.

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