

Water
Oil
Solvent/UV

Product information

Product Description IJM627 is a 200 g/m² smooth, highly opaque, white indoor / outdoor paper with a glossy barrier coating and high wet-strength, especially developed for printing with solvent or UV-curable inks.

Physical Properties

Weight	200 g/m ²	ISO 536	Gloss level (80°)	60%	DIN 67530
Thickness	220 um	ISO 534	Whiteness	98%	DIN 53145-2
Opacity	98%	DIN 53146	Roughness	0,84 um	Perthometer

Applications / Features

Billboard applications
Indoor Signs/ Short Term Promotions
City light posters
Indoor/Outdoor signage and advertising
Extremely easy to bill post

Excellent colour brilliance, attractive glossy finish
Can be folded by hand or machine without rupturing
High ink-limit/colour saturation and excellent edge definition
Excellent wet strength
High mechanical stability, also in humid environment

Available Widths (mm)

3" Core: 1067 1372 1600

Refer for our current offering to www.oce.com.

Storage Conditions

Shelf life: 1 year. Temperature 10 – 30°C, Relative Humidity 30 - 65%
Repack opened rolls when not in use. Allow material to adjust 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.

Printer Compatibility

Printer	Rating	Remarks
Océ CS6060/6100	3	
Océ CS9065/9090 (Low Solvent)	3	
Océ CS9065/9090 (Eco Solvent)	3	
Océ CS7070/7075/7100	3	
Océ Arizona series	3	
Seiko Color Painter 64S /100S	3	
HP 8000/9000/10000	3	
Mutoh Rockhopper (Eco Solvent Ultra)	3	
Mutoh Spitfire (Mild Solvent)	3	
Mutoh Toucan/Osprey/Phoenix	3	
Agfa Grand Sherpa	3	
ColorSpan DisplayMaker 72/98 UVX/UVR	3	
ColorSpan DisplayMaker 72S/98S	3	
Gandiinnovations Jeti 33xx/5000	3	
Mimaki JV3 Series	3	
Roland Soljet/Versacam Series	3	
UR, Scitex, Vutek	3	

3= excellent 2= fair 1= not recommended

Lamination Compatibility

Hot	Warm	Cold
1	3	3

3= excellent 2= fair 1= not recommended

Hot: heat activated: 105°C -130°C
Warm: heat activated: 85°C - 95°C
Cold: pressure sensitive

Outdoor Use

This paper was designed for outdoor application. When printed with pigmented inks, the material can be applied for short-term outdoor use without any lamination.

Colour Profiles

Océ develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on the download section of www.oce.com.



Processing Guidelines

Printing guidelines

The temperature for preheating or drying the media should not exceed 40°C (104 °F), as overheating can impair the flatness of the paper.

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.

It is recommended to calibrate the printer before printing and to make a test print. Ink restrictions and heater setting have to be set for specific printer ink combinations to obtain the best results.

Océ Colour profiles will set recommended ink restrictions and heater-settings for Océ supported printers.

Finishing guidelines

This paper can be pasted as a billboard paper. The media can be used in a same day paste/post procedure. Extended soaking can lead to impaired wet strength. Immediate posting after soaking will give optimum results.

Many standard pastes can be used like Zellura – Tylose C6000/ Fish Paste – Morris Greenhaigh PP 30/ Potato Starch – Morris Greenhaigh PP 61.

Additives like anti-freeze (e.g. glycols) will have a negative effect on the final pasted image.

Attention should be paid to the application instructions of the billboard associations. The most important criteria is the right preparation of the billboard poster. After a short wetting (up to 15 minutes) the wet paper should be put air tight into a plastic bag (or into a box). It is important that IJM627 prints have the possibility to soak through completely before pasting.

Pasting application: After wetting the paper should be kept in a plastic box in order to wet the paper sufficiently. We recommend keeping the IJM627 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.

In the event that the paper is exposed to severe climatic conditions, or if it needs to be used for a longer period of time, lamination is recommended. It is advisable to protect the edges and corners if the billboard hoarding is regularly cleaned.