



Films

IJM803 High Opaque PET Film

135 µm

Product Description

High opaque white PET film with a matt printable surface on both sides

Physical Properties

Weight	185 g/m ²	ISO 534	Opacity	95 %	ISO 2471
Thickness	135 µm	ISO 536	Smoothness	> 40 Bekk	DIN 53107
Tensile Strength*	15/18 kgf/cm ²	ASTM D 882	Thermal Shrinkage*	2/1 %	ASTM D 1204
Elongation at break*	120/90 %	ASTM D 882	Whiteness	>95 %	ISO 11475

All values listed are target values

*MD/CD

Applications/features

Advertising
Posters
Roll-ups
Pop-ups
Labels and tags for industrial, luggage and hydrocultural applications
High-end look
Excellent printability on UVgel (no deformation)

Available Widths (mm)

3" Core	1370										
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Refer for our current offering to www.canon-europe.com/mediaguide

Storage Conditions

Temperature 10°-30°C, Relative Humidity 30-70%.
Rewind tightly and repack opened rolls when not in use. Allow material to adapt to room conditions 24 hours before printing.

Print Conditions

Best results are obtained between 20-23°C and 50-60% 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

This material is for indoor and outdoor use (< 12 months).

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. Load the media with care in the printer. Incorrect loading can cause skewing. It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer ink combinations.

Ink restrictions and printer settings have to be set for specific printer-ink combinations to obtain the best results. Canon media profiles will set recommended ink restrictions and printer-settings for Canon supported printers.

To avoid printing problems due to static charge the climate should be 20-23 °C at 50-60 % relative humidity.

Application guide lines

The film can be easily mounted with and removed from double-sided adhesive tape without any problems.

IJM803 can be used outdoor without lamination. However, we recommend protecting its surface if it is subject to abrasion or any other mechanical influences.

The film has good lamination characteristics. Recommended prolonged working temperature - 40 °C up to 100 °C. Short time temperature exposure from -70° C up to 150 °C possible. Longer exposure above 105 °C can lead to degradation of material performance.

At temperatures above 100 °C the surface will become yellow depending upon temperature and exposure time.

The film is resistant against humidity, fuel and oil. Polar solvents (like alcohols, esters, ketons) will attack the surface.

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