

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 (g/m²)	185 +/- 11	DIN 53104
Thickness (µm)	135 +/- 9	DIN 53105
Tensile Strength* (kgf/cm²)	15/18	ASTM D 882
Elongation at break* [%]	120/90	ASTM D 882

Opacity (%)	95	ISO 2471
Smoothness (Bekk)	>40	DIN 53107 (frontside)
Thermal Shrinkage* (%)	2/1	ASTM D 1204
		(15 min @ 150°C)
Whiteness (%)	>95	DIN 53145

*MD/CD

Applications/ Advertising

features Posters

Roll-ups

Pop-ups

Labels and tags for industrial, luggage and hydrocultural applications

Excellent printability on UVgel (no deformation)

Available Widths (mm)

3" Core 1067 1370 1524

Refer for our current offering to mediaguide.oce.com

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

Canon develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on mediaguide.oce.com



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 colour 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 $^{\circ}\text{C}$ at 50-60 $^{\circ}\text{C}$ relative humidity.

Application guide lines

Temperature resistance:

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-ish depending upon temperature and exposure time.

Stability:

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

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 0815 © Canon Europa N.V., 2018

