

Films

Toner
Water
(eco) Solvent
UV Curable
Latex

IJM312 Double Matt Film

115 µm

Product Description

Double Matt Polyester Film 115 µm, has an inkjet coating on the front side. The film also has very good dimensional stability, and is the most commonly used film.

Physical Properties

Thickness	115 µm	ISO 534	Smoothness	< 30 s	TAPPI T.479
Shrinkage MD 150°C-30mn	< 0.9 %	ASTM D.1204	Opacity	60 %	ISO 2471
Shrinkage TD 150°C-30mn	< 0.6 %	ASTM D.1204			

All values listed are target values

Applications/features

Indoor signage
Cad and GIS drawings
Excellent dimensional stability
Durability
Mechanical resistance
Moisture resistance
Good dot gain control, resulting in fine line sharpness
Anti-static

Available Widths (mm)

2"core	914										
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Refer for our current offering to www.canon-europe.com/mediaguide

Storage Conditions

Shelf life: 2 years, Temperature 10-30°C, Relative Humidity 20-80%
Repack opened rolls when not in use.

Print Conditions

Best results are obtained between 15-25°C and 30-70% RH.
A high humidity will increase the drying time, low humidity may cause curling. Allow material to adapt to room conditions 24 hours before printing

Environment, Health & Safety

No Material Safety Data Sheet required. Waste cannot be handled as paper waste however suitable for recycling in most countries. Please refer to local recycling station.

Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C
yes	yes	no	

Outdoor Use

This film is not suitable for outdoor use.

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

Side to be printed is the outer side of the roll.
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 does not come into contact with grease, oil, silicon, and dirt to avoid printing defects.
Print results will vary for different printer/ink combinations.
Canon media profiles include recommended ink/toner restrictions and printer parameters. Depending on environment and application, printer parameters may have to be adjusted slightly in order to obtain the best results.

Application guidelines

This material was not developed for outdoor use, however some inks will give reasonable quality on this film. The product must be laminated to obtain water-resistance. Outdoor inks should be used when UV resistance is required.

Lamination guidelines

Suitable for both cold and warm (max 95°C) lamination. Lamination is essential to obtain water-resistance and to extend the life of the print and increase its durability.
Generally lamination will not improve UV resistance. One-sided lamination may cause curling.

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