

Films

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM779 Clear Display Film 200 µm

Product Description

Ultra-clear, transparent, coated polyester film, designed for high-quality printing, both front print and mirror printing. Compatibility is extended to Latex and (eco)Solvent inks.

Physical Properties

Thickness	200 µm	ISO 534	Weight	275 g/m²	ISO 536
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*All values listed are target values

Applications/features

Window graphics
Overlays
Flexible displays, POS
Backlit applications
Brilliant color printing
Excellent transparency properties
Ideal for white ink applications
Normal or reverse print applications
Superior ink adhesion
Dimensional stable
Tear resistant
Water resistant

Available Widths (mm)

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

Storage Conditions

Shelf life: 1 year. Temperature 15-25°C, Relative Humidity 30-60%
Repack opened rolls when not in use.

Print Conditions

Best results are obtained between 15-30°C and 30-70% RH.
A precondition period of 24 hours within the printing environment is recommended.

Environment, Health & Safety

No Material Safety Data Sheet required.

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

The product is suited 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

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 restrictions and optimized printer parameter settings for Canon supported printers. Depending on environment and application, printer parameters may have to be adjusted slightly in order to obtain the best results.

In printers with heating systems do not expose the film to temperatures higher as approx. 45°C. Higher temperatures may cause film deformation.

printing on clear film

Substrate: Printing Clear Films without (white) backing

Printer: Colorado 16x0

Challenge/Opportunity: Material is not detected by the printer

Tested locally:

Step 1: Stick a 30x30 cm of white self-adhesive vinyl at the back and in the centre of the clear material roll.

Step 2 : Stick l 15cm wide strip of white self-adhesive vinyl between 35 and 50 cm from the front edge pasted over the entire width.

Step 3: Feed the media normally

Step 4: Start the job. This process takes about 5 min extra work

What you need to know:

It is not possible to calibrate this media because it is not possible for the printer to read

Print without markers. It is not possible for the printer to read the markers

At the end of the job, the media cannot be automatically cut. The printer generates an error.

Cut and remove the media manually. Clear the error. 5 min extra work.

Printer is ready for next job.

Advise/Request: Be aware that this is NOT a Canon supported solution. It is just a work around meant to prevent you and your customers from spending time looking for potential solutions. The customer using this work-around is satisfied with it and optimises the process by combining more jobs and sending them all at once. However, be very cautious using this proposition with your customers as it may be very unsatisfactory for them (e.g. one-offs production).

Application guidelines

IJM779 is suited for a lot of high quality applications like backlits, window graphics or overlays. You can produce Day/Night backlits that can be used lit or unlit. On Arizona printers such a backlit can be produced by using the quality-layered print mode in which a single layer of white ink is printed between 2 layers of CMYK ink. Do not expose the film to temperatures higher as approx. 45°C. Higher temperatures may cause film deformation.

Laminating guidelines

IJM779 should be used without lamination to keep the crystal clear optical properties intact. Printing mirror image gives a high gloss laminated appearance to your print without laminating and gives it optimal protection on the view side. In general, we recommend protecting the printed side if it is subject to abrasion or any other mechanical influences. Use pressure sensitive (cold) laminate films to protect this product.

Standard-disclaimer:

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