Toner
Water
(eco) Solvent
UVgel / UV
Latex

Films

IJM689 Ferro Foil Front Print PET 210 µm

Product Description

This flexible Polyester film (PVC Free) is the perfect and economical solution for changing a retail environment overnight. Printed images can be reused. This film is a combination product. Creating a magnetic surface is necessary. This can be done using the FIN999 Self Adhesive Magnetic Base 700 µm (97005427). The printed IJM689 Ferro Foil will adhere to this magnetic surface.

Physical Properties

Ferro Foil Thickness	210 µm	ISO 534	Magnetic Base Thickness	700 µm	ISO 534
Ferro Foil Weight	400 g/m²	ISO 536	Magnetic Base Weight	2680 g/m²	ISO 536
			Holding Force	35 g/cm²	

Refer for our current offering to www.canon-europe.com/mediaguide

All values are target values

Applications/ features

Interior decoration
Trade show graphics
Indoor retail advertising
Boards
Flexible Signing
POS Displays

Excellent print quality
PVC free, suited for recycling
Can be installed by untrained personnel
Adheres to magnetic surfaces
Anti-rust

*The FIN999 Magnetic Base 700µm (97005427) cannot be printed and must be ordered separately.

Available Widths (mm)

Ferro Foil 3” core	1270						
Magnetic Base 3” core	620						

Storage Conditions

Shelf life 1 year. Temperature 10°C - 35°C, Relative Humidity 30% - 70%
Repack opened rolls when not in use. Allow material to adapt to room conditions for 24 hours before printing.

Print Conditions

Best results are obtained between 20 ± 3°C and 50 ± 5% RH.
Refer also to printer specification

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

Limited use outdoor.

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. Make sure that the media comes not into contact with grease, oil, silicon, and dirt to avoid printing defects.
It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer ink/toner combinations. Ink/toner restrictions and printer settings have to be set for specific printer-ink/toner combinations to obtain the best results. Canon media profiles will set optimal restrictions and printer-settings for Canon supported printers.

Application guidelines

It is recommended to ship the printed graphics in a cardboard or plastic tube protected by a paper or plastic sleeve.
The printed graphics can be laminated, before laminating the print has to dry completely laid out flat. Liquid lamination is recommended, cold/self-adhesive lamination is also possible, however this type of laminate may cause stress in the material resulting in curl and failures. Hot/ warm lamination is not recommended as this may cause stress in the material.

Temperatures under -20 °C and above +80 °C change the structure of magnetic sheets and may cause the products to permanently loose some of their adhesive force. Therefore, do not use them in places with extremely high or low temperatures and set your print parameters accordingly.

The maximum magnetic force can only be achieved on smooth surfaces and with full contact. The sheet needs to be placed flat and directly on the counterpart and without bubbles.

Vertical mounting is the best method, horizontal mounting will result in a lower holding force. Draw a vertical line on the mounting surface to align the first panel vertically. Remove the release liner from the Magnetic Base Film. Apply the Magnetic Base Film to the mounting surface with a squeegee, starting at the top, from the centre to the sides. Mount the second panel, panels should not overlap. Leave a 1 mm gap between the panels to allow thermal expansion. Do not stretch the material during mounting. Due to the weight of the material it is recommended to fix the self-adhesive material at the top with some staples for extra security.

For post-processing the IJM689 It is recommended to use a Rotary knife when cutting UV prints to minimize ink chipping.

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