

MAGIC® PRODUCT APPLICATIONS GUIDE



DMCF4EN CLEAR POLYESTER FILM FOR ENCAD PRINTERS

MAGIC® DMCF4EN is a high gloss clear polyester film designed for Encad printer systems. DMCF4EN has an ink jet coating that accepts both dye and pigmented inks. DMCF4EN is ideal for mapping overlays, full color graphic indoor signage applications, window graphics, and color separations for screen printing.

PHYSICAL PROPERTIES

Caliper	.4.0 mils (102 microns)
Haze	.2.2
Opacity	.8.0%
Optimum Printing Environment	.70°F / 21°C (30-70% RH)
Recommended Ink Coverage	.300% maximum
Indoor Product Life Expectancy	.2 years (up to 1 year as window graphic with UV inks)

PRINTING GUIDELINES

- Printing:** Print side is wound to the outside of the roll.
- Printer & Ink Compatibility:** DMCF4EN can be used on all Encad Novajet® Pro/Proe series printers with dye and pigmented inks. Ink dry time will be affected by ink saturation level and humidity. Allow prints to dry completely prior to handling. The recommended ink saturation level is 275%.
- Printer Settings:** To optimize print quality, printers should be set for highest print quality.
- Color Calibration:** ICC Color Calibration profiles can be obtained on our website given below. Profiles can be downloaded for a selected RIP, printer, ink, and media combination. Profiles are generated on a continual basis. Consult the website for current profile availability.
- Material Storage:** To protect unused material, it is recommended to store material in its original packaging, in the poly bag at 59-86°F / 15-30°C and 30-70% RH.

APPLICATIONS RECOMMENDATIONS

- Lamination:** It is recommended that a non-thermal pressure-sensitive overlamine be used. Allow film to dry completely prior to handling and laminating. Lamination is essential for waterfastness. DMCF4EN is not waterfast without a laminate. DMCF4EN can be mounted with Magic® DMWVA10 white vinyl backer for a vibrant graphic with image protection. Use heat (90-120 F) when applying film to DMWVA10 white vinyl backer.
- DMCF4EN is ideal for window graphics due to the pigment ink compatibility. Pigmented inks will provide an image less subject to light fade than dye-based inks. A clear double-sided adhesive can be applied to the film when used for window graphics.
- Window Graphics:**

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InteliCoat Technologies

SALES OFFICES: AUSTRALIA
BRAZIL
THE NETHERLANDS

For more information call 1-800-628-8604
or visit our web site at www.magicinkjet.com

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* Most updated version of this guide can be obtained on our website.

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