

# MAGIC® APPLICATIONS GUIDE



## DMCCF4 INK JET CLEAR CLING POLYESTER FILM

**MAGIC® DMCCF4** is a clear cling polyester film that accepts dye-based inks and is for use on indoor partition glass windows and smooth metal surfaces. DMCCF4 can also be used on the inside surface of exterior windows for transparent point-of-sales graphics.

### PHYSICAL PROPERTIES

Basis Weight	.192 g/m <sup>2</sup>
Caliper of Cling Film	4.2 mil
Haze	.4
Adhesive	Repositionable Low Tack Adhesive
Adhesive Peel Forces	4.0 +/-2 grams/inch
Optimum Printing Environment	70°F & 30-70% RH
Recommended Printing Devices	Hewlett-Packard DesignJet & Encad NovaJet Printers
Recommended Ink Coverage	.200% maximum
Optimum Application Environment	70°F & 30-70% RH
Recommended Application Surfaces	Indoor - Glass & Stainless Steel

### APPLICATIONS GUIDELINES

**Inks:** Only dye-based inks are recommended for use with this product. Dye-based inks offer only limited light stability and images should not be placed in direct sunlight for extended periods of time.

**Printing:** Print side is always wound to the outside of the roll. The white polyester release liner should be left in place until just prior to installation to avoid having debris stick to the adhesive.

**Cutting:** It is recommended that a sharp edge be used to cut out printed graphics. Dull edges can leave a jagged edge with adhesive exposed.

**Printer Settings:** To optimize print quality, printers should be set for highest print quality. Media selection should be "Film mode" in Hewlett-Packard DesignJet printers.

**Laminating:** If added surface protection is desired, use only a non-thermal, pressure-sensitive overlamine. Thermal laminate will cause the graphic to peel from the application surface.

### INSTALLATION RECOMMENDATIONS

**Surface Preparation:** This product should only be applied to indoor glass, Plexiglas® or metal surfaces. Application surfaces should be cleaned with a cleaner that will not deposit residues. Poor surface conditions will cause adhesion loss or failure.

**Installation:** To avoid or remove bubbles under printed graphics, it is recommended that the printed graphics be installed with a squeegee. The imaged surface can be scratched, so it is recommended to use interleaf paper or to cover the squeegee with a soft material.

**Positioning & Removal:** The low tack adhesive allows for the graphic to be easily repositioned into proper alignment. This low tack adhesive product is easily removed without the need for solvents. This product is not designed to be applied, removed and reused multiple times. The print surface is not water resistant, and water and/or cleaning agents will damage the surface.

**Application Tapes:** The use of application tapes is not recommended. Application tapes can, in some instances, pull material off application surfaces.

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