

DISPLAY FILMS

DMBF5UV

6.7 Mil Polyester Backlit Film for Pigment & Dye Inks

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

- High quality indoor and outdoor durable backlit signage
- Backlit / frontlit tradeshow displays
- Backlit / frontlit retail displays
- Durable reflective signage

PRODUCT DESCRIPTION

- 6.7 mil backlit film
- Light diffusion layer is the ink jet receiver layer
- Image is positive-reading on matte surface, with pigment or dye ink
- Gloss polyester on reverse side

GENERAL AVAILABILITY

<u>DMBF5UV</u>	<u>Part #</u>
▪ 24" x 100 feet	65020
▪ 36" x 10 feet	45939
▪ 36" x 100 feet	45857
▪ 42" x 100 feet	45941
▪ 50" x 100 feet	45943
▪ 54" x 100 feet	47214
▪ 60" x 100 feet	45946

FEATURES & BENEFITS

- Positive direct-print on matte surface for easy file mgmt
- High color gamut on viewing side
- Can be frontlit or backlit – your choice
- 6.7 mil caliper for easy lightbox installation and removal
- Polyester film base for uniform, low-grain background
- Optimized opacity for maximum color without hot spots
- Best with pigment ink
- Waterfast coating with pigment ink, for durable outdoor signage

MEDIA COMPATIBILITY

DMBF5UV is compatible with HP, Encad, ColorSpan, Epson and other water-based piezo printers with pigment or dye inks. Using pigment inks will yield outstanding print quality.

- * For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on www.magicinkjet.com.
- * For additional product details – including printer settings, and lamination guidelines – see Application Guide under Tech Support of www.magicinkjet.com
- * For ICC profile availability, see www.magicinkjet.com

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Disclaimer: Information presented in this product sellsheet is intended to offer a useful reference in selecting media for your output. No media warranties are implied unless specifically mentioned. Printer and / or ink changes may affect results. The most current product information may be found at www.magicinkjet.com.

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MAGIC® PRODUCT APPLICATIONS GUIDE

InteliCoat



DMBF5UV

FRONTPRINT / BACKLIT POLYESTER FILM

MAGIC® DMBF5UV is a 6.7 mil polyester film compatible with pigment and dye-based inks. Direct imaging on the front (matte) surface yields images with maximum ink density, vivid color and high image resolution for either reflective or backlit viewing in both indoor and outdoor applications.

PHYSICAL PROPERTIES

Caliper.....6.7 mil.....167.5 micron	Optimum Printing Environment.....70°F / 21°C (30-70% RH)
Opacity.....75%	Indoor Life Expectancy..... 2 year protected
Gloss of print side (60°)...2.0	Outdoor Life Expectancy.....1 year protected
Whiteness(backing).....75	

PRINTING GUIDELINES

Printing: Print side is the matte side, and is wound to the outside of the roll. The print is front imaged and viewed from the image side.

Printer & Ink Compatibility: DMBF5UV is compatible with Encad NovaJet®, ColorSpan® Hewlett-Packard DesignJet® series, Canon iPF series, and water-based piezo printers. Using pigment inks will yield outstanding print quality for use with either reflective or transmitted light.

Printer Settings: To optimize print quality, printers should be set for highest print quality. To reduce the effects of the star wheel marks and to minimize bleed, the recommended ink saturation level is 300% on the HP DesignJet series printers. The HP media setting is Backlit. Super and Bi-directional are the printer settings for the water-based piezo printers. Dry-time will vary depending on ink type and the ink saturation level used.

Water Resistance: DMBF5UV in conjunction with pigment inks has excellent water resistance. Lamination is not required but is recommended when an image will be exposed to repeated moisture or physical handling or when prolonged product life is needed. Dye based inks have a moderate level of water resistance. Condensation in a light box will not affect the image. DMBF5UV should be installed with the UV stable laminate side facing out.

Material Handling & Storage: Unused material should be stored in its original packaging, in the poly bag at 59-86°F / 15-30°C, and 30-70% RH.

FINISHING RECOMMENDATIONS

Image Protection: Due to the waterfast coating, lamination is not required, although overlaminates will protect the image from physical damage if the image is unprotected by glass. Cold pressure laminates should be used with DMBF5UV. When using heat activated laminates, it is recommended to encapsulate leaving 1/8" safe edge around the entire graphic to ensure complete waterfastness.

Lighting: Viewing with reflective or transmitted light yields outstanding image contrast and color vibrancy.

RECYCLING AND DISPOSAL

 Disposal by recycling of ink jet media is the preferred method. Where recycle markets do not exist, disposal by landfill or an approved incinerator is acceptable. See the Magic Recycle Technical Bulletin @ www.magicinkjet.com.

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InteliCoat Technologies

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

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

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