

# MAGIC® PRODUCT APPLICATIONS GUIDE

## DMBL5

InteliCoat



### FRONTPRINT / BACKLIT POLYESTER FILM

MAGIC® DMBL5 is a 6.5 mil satin polyester, instant dry backlit film. The satin print surface allows for maximum ink density, vivid color and the highest image resolution. It is ideal for backlit applications both indoors and outdoors. DMBL5 is instant dry and water resistant. This is the next generation backlit film that offers excellent color and transmissive density with pigmented waterbased inks.

### PHYSICAL PROPERTIES

Caliper.....6.5 mil.....165.8 micron	Gloss of print side (60°) .....60
Opacity.....65%	Optimum Printing Environment.....70°F / 21 °C (30-70% RH)

### PRINTING GUIDELINES

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

**Printer Compatibility:** DMBL5 is compatible with the latest aqueous pigment printers including Hewlett-Packard, Canon, and Epson Stylus. Pigment ink will yield outstanding print quality when using transmitted light.

**Printer Settings:** DMBL5 is designed to offer exceptional print performance on Hewlett-Packard, Epson Stylus Pro with K3 inks, and Canon iPF printers. Selecting photo black ink will create durable prints. Matte black ink will produce high density images, but use caution when handling as the matte black may smear. DMBL5 should be printed in "high quality" mode. Photo black ink is recommended, if matte black ink is used, lamination is recommended. Suggested printed settings on the Epson series printers is Archival Matte/ 2880dpi with photo black ink. On Canon iPF 8000, use Fine Art Photo, std. On the HPZ6100 use HP vivid Backlit/ Best.

**Water Resistance:** DMBL5 in conjunction with pigment inks has exhibited some 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. Images with dye based inks should be laminated. DMBL5 should be installed with the satin image side facing out.

### FINISHING RECOMMENDATIONS

**Image Protection:** Overlaminates will protect the image from physical damage if the image is unprotected by glass. Cold pressure laminates should be used, a UV stable laminate is recommended. Allow film to dry completely prior to handling and laminating. Lamination is essential for complete waterfastness. Images with matte black ink should be laminated.

### 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](http://www.magicinkjet.com).

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For more information call 1-800-628-8604  
or visit our web site at [www.magicinkjet.com](http://www.magicinkjet.com)

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

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