

MAGIC® APPLICATIONS GUIDE

DMPS150

LOW GLARE PHOTOREALISTIC PAPER

MAGIC® DMPS150 is an economical low glare photorealistic paper for use on all Hewlett-Packard DesignJet®, Encad NovaJet® and ColorSpan® wide format printers. The non-resin coated surface combined with an ultra smooth ink jet coating provides a rich, smooth texture and yields photorealistic images. The low glare surface of the DMPS150 provide for optimum viewing in any lighting environment. DMPS150 is ideal for large quantity runs and easy lamination.

PHYSICAL PROPERTIES

Caliper	5.5 mil	140 microns
Basis Weight	170 g/m ²	5.0 oz/yd ²
Opacity	97%	
Gloss (60°)	42	
Whiteness	>100	
Brightness	96	
Optimum Printing Environment	70°F /21°C (30-70% RH)	

APPLICATIONS GUIDELINES

- Printing:** The print side is wound to the outside of the roll.
- Printer Settings:** To optimize print quality, printers should be set for highest print mode available. Use Semi-Gloss Photo mode on HP 2000/3000 series, Photo Imaging Gloss on HP5000, "Enhanced Multi-pass" on Encad Novajet printers. The recommended maximum ink saturation level is 300%.
- ICC Profiles:** ICC profiles can be obtained for selected RIP, ink, and printer combinations on the Magic website. Profile solutions are being generated on a continual basis. Consult our website for current availability. If profile is not available, you can submit your request on line.
- Printer & Ink Compatibility:** DMPS150 can be printed on almost all thermal ink jet printer systems equipped with dye-based inks. Compatible systems include: HP DesignJet® 500/650/750/800/2000/3000/5000, Encad Novajet® series, and Colorspan® printer systems.

FINISHING RECOMMENDATIONS

- Lamination:** DMPS150 can be overlaminated with most cold laminates and low temperature hot laminating materials. When the photobase is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25" safe edge of laminate. This will seal the photorealistic paper, preventing moisture absorption and paper splitting. Use laminates of equal gauge when encapsulating to prevent image curl. Overlaminating will also decrease the rate at which the images fade.
- Mounting:** Cold pressure sensitive adhesives typically provide the most aggressive bonds and are recommended.

USA
28 GAYLORD STREET
SOUTH HADLEY MA 01075-2894

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**For more information, call 1-800-628-8604,
or visit our website: www.magicinkjet.com**

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

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(07/01/02)