

PHOTOREALISTIC PAPERS

DMPS150

Semi-Gloss, Non-Resin-Coated Paper

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

Photo Reproduction
Economy Signage
POP / Retail signage
Displays

PRODUCT DESCRIPTION

5 mil, non-resin-coated photopaper
Economical
Semi-gloss surface
Dye ink compatible

GENERAL AVAILABILITY

<u>DMPS150</u>	<u>Part #</u>
24" x 100'	61404
36" x 10'	61407
36" x 100'	61405
36" x 300'	61491
42" x 100'	61403
50" x 100'	61406
50" x 300'	61482
54" x 100'	61463
60" x 100'	16986
72" x 100'	30138

FEATURES & BENEFITS

No bubbling during lamination
Universal dye ink compatibility
Lightweight for easy mounting
Lowest paper cockle in its class

PRINTER COMPATIBILITY

Printer	Ink	Good, Better, Best
Hewlett -Packard	Dye	Best
Encad	Dye	Better
ColorSpan	Dye	Better

* For complete Magic® product set, refer to Magic Media Printer Ink Set Compatibility Chart

* For ICC profile availability, see www.magicinkjet.com

Phone: 1-800-628-8604

Fax: 1-800-861-4128

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

DMPS150

InteliCoat



Digital Imaging
Substrates

SEMI-GLOSS PHOTOREALISTIC PAPER

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

PHYSICAL PROPERTIES

Caliper	5.4 mil135 microns
Basis Weight	166 g/m ²49 oz/yd ²
Gloss (60%)47	
Whiteness	115	
Brightness	95	
Opacity	99%	
Optimum Printing Environment . . .	70° F / 21° C	(30%-70% RH)

APPLICATIONS GUIDELINES

Printer and Ink Compatibility: DMPS150 may be printed on almost all thermal ink jet printer systems equipped with dye-based inks. Compatible thermal systems include: Hewlett Packard DesignJet[®] 500/650/750/800/2000/3000/5000 series, Encad Novajet series[®] Colorspan[®] and water-based piezo such as Epson Stylus[®] 9000/10000 printer systems.

Printer Settings: Use "Semi-Gloss Photo" mode on DesignJet 2000/3000 series. "Photomaging Gloss" mode on HP DesignJet 5000 series, and "Enhanced Multi-pass" on Encad Novajet printers. The recommended maximum ink saturation level is 300%. High humidity environments will result in slower dry times and increased paper cockle due to moisture in the sheet. Allow image to completely dry before handling or laminating. Waiting 24 hours is optimum.

Color Calibration: ICC color profiles can be obtained for selected RIP, ink and printer combinations on the magicinkjet web page identified below. Profile solutions are continually being generated, so consult the web page for current availability. If profile is not available, you may submit your request on line.

Material Handling & Storage: To protect unused material, store material in its original packaging, in the poly bag at 72° F (+/-5).

FINISHING RECOMMENDATIONS

Lamination: DMPS150 may be overlaminated with most cold laminates and low temperature hot laminates, but cold are preferred and give better adhesion results. Allow image to completely dry before handling or laminating. Waiting 24 hours is optimum. When the paper is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch 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. Overlamination will also decrease the rate at which dye ink images fade. Lamination will also add protection against dust, abrasion, and finger prints. Use laminates of equal gauge when encapsulating to prevent image curl. Overlaminating one side may cause the product to curl towards the laminated side.

Mounting: Cold pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended. It is always best to pre-test the adhesive with the back of photo papers. Photobase papers often contain anti-curl backside coating which may or may not result in a strong adhesive bond.