

# PHOTOREALISTIC PAPERS Magic® GFPHOTO

## Glossy Photorealistic Paper

*Making all Great Images Count*



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

### MARKET APPLICATIONS

- Photo / Portrait
- Photo Display / Maps
- Fine Art Reproductions
- Posters

### PRODUCT DESCRIPTION

- 7 mil, 185 gsm
- One-of-a-kind satin photorealistic paper specifically designed for solvent ink jet printers.
- Indoor use unless encapsulated with a safe edge

### GENERAL AVAILABILITY

<b>GFPHOTO</b>	<u>Part #</u>
30" x 100'	65747
36" x 20'	64971
36" x 100'	64972
50" x 100'	64973
50" x 125'	64976
50" x 200'	68805
54" x 100'	68037
60" x 100'	65271
60" x 125'	65272
60" x 200'	68806

Core = 3 inch

### Features & Benefits

- Specially designed for solvent, eco-solvent, latex, & UV cure printers
- High degree of whiteness and superior color gamut
- Extremely smooth surface for high photographic resolution
- Cost-effective solution for producing short-term, high resolution satin graphics.

### MEDIA COMPATIBILITY

GFPHOTO is compatible with most solvent, eco-solvent, Latex, and UV printers including: Mimaki JV3, Roland XC 540, Mutoh Toucan, and Vutek.

- \* For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on [www.magicinkjet.com](http://www.magicinkjet.com).
- \* For additional product details – including printer settings and finishing guidelines – see Application Guide under Tech Support of [www.magicinkjet.com](http://www.magicinkjet.com)
- \* For ICC profile availability, see [www.magicinkjet.com](http://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](http://www.magicinkjet.com).

**Date:** August 2011

*InteliCoat Technologies®*

# MAGIC® APPLICATIONS GUIDE

## GFPHOTO

Photo Realistic Paper  
for Solvent Ink Jet Printing Systems



MAGIC® GFPHOTO is a one of a kind photo realistic paper specifically designed for solvent, eco-solvent, latex, and UV cure printers. GFPHOTO is a cost effective solution for printing short-term, high resolution satin graphics and posters. GFPHOTO offers a high degree of whiteness and color gamut with an extremely smooth surface for high photographic resolution.

### PHYSICAL PROPERTIES

Caliper . . . . .	7 mil (204 microns)	Optimum Print Temp. . . . .	70 °F (30-70% RH)
Basis Weight. . . . .	185g/m <sup>2</sup> (5.4 oz/yd <sup>2</sup> )	Indoor Life Expectancy . . . .	1 year+
Whiteness . . . . .	.100	Gloss (60°) . . . . .	.50
Brightness . . . . .	.90	Opacity . . . . .	97%
		pH value . . . . .	7.5 (neutral)

### APPLICATIONS GUIDELINES

**Printer & Ink Compatibility:** GFPHOTO may be printed in most solvent, eco-solvent, latex, and UV cure printing systems such as: Mimaki JV3, Mutoh Toucan, DGI, Vutek, Nur, Roland Versa Camm, etc.

**Printer Settings:** Optimized print settings will vary from printer manufacturers. Recommended ink saturation level is 350%. Recommended heater settings of 50°C for pre-heaters and 45°C for post-heaters. These settings have been found to be a good starting point. Using the take-up reels is not recommended.

**Outdoor/Indoor Use:** This product is recommended for indoor applications. It may be used for outdoor applications if encapsulated with a safe edge. GFPHOTO may be over-laminated with most cold laminates and low temperature hot laminating materials. Cold pressure sensitive adhesives typically provide the most aggressive bonds and are recommended.

**Material Handling & Storage:** Once print is complete, roll imaged media onto a core until ready for post-ing. Folding of the material is not recommended. After use, the roll should be stored at 72° F (+/-5° ) and in its original packaging in the poly bag with core plugs for no more than 6 months.

### FINISHING RECOMMENDATION

**Laminating:** GFPHOTO may be over-laminated 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 photo realistic paper, preventing moisture absorption and paper splitting. Failure to process without a safe edge when laminating will result in delamination. Use laminates of equal gauge when encapsulating to prevent image curl. Over laminating will also decrease the rate at which images fade.

**Mounting:** Cold pressure sensitive adhesives typically provide the most aggressive bonds and are recommended. Seal Print Mount® Removable has been found to work well with GFPHOTO. It is recommended that mounting materials be pretested before actual application.

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

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

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