

MAGIC® SOLVENT INK JET

GFPhoto

Glossy Photorealistic Paper

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

Photo / Portrait
Photo Display / Maps
Fine Art Reproductions
Posters

PRODUCT DESCRIPTION

GFPhoto

- 6 mil, 172 gsm
- One-of-a-kind glossy photorealistic paper specifically designed for solvent ink jet printers
- Indoor use unless encapsulated with a safe edge

GENERAL AVAILABILITY

<u>GFPhoto</u>	<u>Part #</u>
30" x 100 feet	65747
36" x 20 feet	64971
36" x 100 feet	64972
50" x 100 feet	64973
50" x 125 feet	64976
54" x 100 feet	68037
60" x 100 feet	65271
60" x 125 feet	65272

FEATURES & BENEFITS

GFPhoto

- Specifically designed for solvent printing platforms
- High degree of whiteness and superior color gamut
- Extremely smooth surface for high photographic resolution
- Cost-effective solution for producing short-term, high-res glossy graphics and posters on a solvent system

PRINTER COMPATIBILITY

GFPhoto is compatible with most solvent ink jet piezo printing systems, including: Mimaki JV3®, Mutoh Toucan®, Vutek, Nur, DGI, etc.

- * For complete Magic® product set, refer to Magic Grand Format and Solvent Ink Jet Media Printer Ink Set Compatibility Chart
- * For additional product details – including printer settings, lamination, finishing and mounting 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.

Date: March 2007

MAGIC® APPLICATIONS GUIDE

GFPHOTO

Photo Realistic Paper
for Solvent Ink Jet Printing Systems

InteliCoat



Digital Imaging
Substrates

MAGIC® GFPHOTO is a one of a kind photo realistic paper specifically designed for solvent and eco-solvent ink jet printers. GFPHOTO is a cost effective solution for printing short-term, high resolution glossy 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	6 mil (150 microns)	Optimum Print Temp.	70 °F (30-70% RH)
Basis Weight.	185g/m ² (5.4 oz/yd ²)	Indoor Life Expectancy	1 year+
Whiteness100	Gloss (60°)50
Brightness90	Opacity	97%
		pH value	7.5 (neutral)

APPLICATIONS GUIDELINES

Printer & Ink Compatibility: GFPHOTO may be printed in most solvent and eco-solvent 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 both pre and 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 posting. 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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InteliCoat Technologies

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

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

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