

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, eco-solvent, latex, and UV cure 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	7 mil (204 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, eco-solvent, latex, and UV cure printing systems such as: Mimaki JV3, Mutoh Toucan, DGI, Vutek, Nur, Roland 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 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.

RECYCLE AND DISPOSAL



Disposal by recycling of ink jet media is the preferred method. Where recycle markets do not exist, disposal by land fill or an approved incinerator is acceptable. See the Magic Recycle Technical Bulletin @

USA
28 GAYLORD STREET
SOUTH HADLEY MA 01075-2894

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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