

MAGIC® APPLICATIONS GUIDE



GFPHOTO-240

Heavyweight Photo Realistic Paper For Solvent Ink Jet Printing Systems

MAGIC® GFPHOTO-240 is a heavyweight 240 gsm photo realistic paper specifically designed for solvent, eco-solvent, latex, and UV cure printers. GFPHOTO-240 is a premium satin paper for high resolution graphics, posters, and displays. GFPHOTO-240 is 10 mils, bright white and offers very high color gamut and saturation.

PHYSICAL PROPERTIES

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|--------------|--|------------------------------|------------------|
| Caliper | 10 mil (255 microns) | Optimum Printing Environment | 70°F (30-70% RH) |
| Basis Weight | 257 g/m ² (7.5 oz/yd ²) | Indoor Life Expectancy | 1 year+ |
| Whiteness | 100 | Opacity | 98% |
| Brightness | 90 | Gloss (60°) | 50 |

APPLICATIONS GUIDELINES

Printer & Ink Compatibility: GFPHOTO-240 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. For more printer compatibility, refer to the Magic Printer Compatibility Chart under Technical Support on the web site.

Printer Settings: Optimized print settings will vary from printer manufacturers. Recommended ink saturation level is 350%. Recommended heater settings of 50oC for pre-heaters and 45oC 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-240 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 RECOMMENDATIONS

Laminating: GFPHOTO-240 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. It is recommended that mounting materials be pretested before actual application.

RECYCLING AND DISPOSAL



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

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