

SOLVENT INK JET Magic® GFPHOTO PSA

Glossy Photorealistic Paper with Adhesive Backing

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

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

PRODUCT DESCRIPTION

- 6.5 mil photo paper; 0.8 mil adhesive; 1 mil film liner
- Adhesive is permanent; solvent-based
- One-of-kind satin photorealistic specifically designed for solvent ink jet printers.
- Indoor use unless encapsulated with a safe edge
- Laminate with cold laminates.

GENERAL AVAILABILITY

<u>GFPHOTO PSA</u>	<u>Part #</u>
36" x 20'	68894
36" x 20'	70237
50" x 100'	69048
60" x 100'	69049

Core = 3 inch

FEATURES & BENEFITS

- Specifically designed for solvent printing platforms
- High degree of whiteness and superior color gamut
- Extremely smooth surface for high photographic resolution
- Pressure-sensitive coating allows for easy application to mounting materials
- Cost-effective solution for producing short-term, high-res satin graphics and posters on a solvent system.
- Recommended surfaces include stainless steel, glass, acrylic, ABS polycarbonate, Plexiglas®, Foam Core & Sintra®.

MEDIA COMPATIBILITY

GFPHOTO PSA is compatible with most solvent and eco-solvent printing systems, including: Mimaki JV3, Mutho Toucan, Vutek, Nur, DGI, Roland VeraCamm & XC, etc.

- * For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on www.magicinkjet.com.
- * For additional product details – including printer settings and finishing – see Application Guide under Tech Support of www.magicinkjet.com
- * 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.

Date: May 2010

MAGIC® PRODUCTS APPLICATIONS GUIDE

GFPHOTO PSA

PRESSURE-SENSITIVE PHOTO REALISTIC PAPER



MAGIC®GFPHOTO PSA is a photo realistic paper, with a pressure-sensitive (PSA) on a one mil clear polyester liner, specifically designed for solvent and eco-solvent ink jet printing. GFPHOTO PSA is a cost-effective solution for printing short-term, high resolution satin graphics and posters. The pressure sensitive layer allows for easy application to mounting materials.

PHYSICAL PROPERTIES

Gloss (60°)	50
Whiteness	100
Caliper of photo paper	6.5 mil
Caliper of Adhesive	0.8 mil (+/- 0.1 mil)
Caliper of Film Liner	1 mil
Adhesive Type	Permanent Solvent-Based
Adhesive Peel Force on Stainless Steel	1.75 lb/in
Optimum Printing Environment	70°F (30-70%RH)

APPLICATIONS GUIDELINES

Printer & Ink Compatibility: GFPHOTO PSA may be printed in most solvent and eco-solvent printing systems such as: Mimaki JV3, Mutoh Toucan, DGI, Vutek, Nur, Roland Versa Camm, Roland XC, 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 setting of 50° C for the pre heater and 45° C for the post heater. These settings have been found to be a good starting point. Using the take-up reels is not recommended.

Outdoor / Indoor Use: This material is recommended for indoor applications. It may be used for outdoor applications if encapsulated with a safe edge. GFPHOTO PSA may be over-laminated with most cold laminates. Heat activated laminates should not be used because heat can degrade the adhesion peel strength.

Material Handling & Storage: Once print is completed, it is recommended to lay material flat until ready for posting. Folding of the material is not recommended. Unimaged material should be stored at 72° F (+/-5°) for no longer than 1 year, to obtain maximum adhesion values. After use, the roll should be stored in its original packaging.

FINISHING RECOMMENDATIONS

Surface Preparation: Always ensure that the receiving surface is thoroughly cleaned, free of dust, dirt or cleaner residues. Painted metal, glass and standard graphic art mounting boards surfaces should be cleaned with standard glass cleaner or isopropyl alcohol (IPA). Poor surface conditions will cause adhesion loss or failure.

Recommended Application Surfaces: Stainless steel, glass, acrylic, ABS, polycarbonate, Plexiglas®, Foam Core® and Sintra®. The product is designed for use on smooth, flat indoor surfaces. Textured surfaces and wood tend to promote poor adhesion. Always pretest your specific substrate prior to actual application.

Installation Techniques: For best results, it is recommended that a laminator be used to mount material to mounting boards, and for permanent structures a professional installer should be used. Material is not repositionable during or after install. The use of water to aid in the adhesive installation is not recommended. Water will damage the print surface.

Laminating: To give added surface protection from dirt and abrasion, a cold pressure-sensitive overlaminate is recommended. Heat activated laminates should not be used because the heat can degrade the adhesive peel strength. Overlaminating one side may cause the product to curl towards the laminated side and the edges to lift.

Removal: Removal will require physical scraping or use of solvents as this is a paper-based product with a strong solvent-based permanent adhesive. Application of this product to dry wall is not recommended due to the potential difficulties in removal.

USA
28 GAYLORD STREET
SOUTH HADLEY MA 01075-2894
©2010 Intelicoat Technologies.
All rights reserved.

Intelicoat Technologies

For more information, call 1-800-628-860404
or visit our website: www.magicinkjet.com

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