

# MAGIC<sup>®</sup> APPLICATIONS GUIDE

## GFIOP140 PSA

### Indoor/Outdoor Poster Paper for Promotional Signage

#### for Solvent Ink Jet Printing Systems



MAGIC<sup>®</sup> GFIOP140PSA is an indoor/outdoor durable adhesive backed paper designed to meet the demands of high production solvent & eco-solvent ink jet printers. This latex-saturated, wet strength paper features a smooth surface which offers exceptional print fidelity with a distinctive luster finish. Strength, flexibility and durability are hallmark traits of GFIOP140PSA. The permanent pressure sensitive adhesive makes it easy to quickly produce and mount graphics and signs for short term indoor/outdoor applications.

### PHYSICAL PROPERTIES

Parameter	GFIOP140PSA
Total Caliper	7.5 mil
Caliper of paper	6.0 mil
Caliper of paper/adhesive	6.8 mil
Adhesive Type	Permanent Solvent-based
Tensile (MD/CD)	50/37 (lbs/in)
Tear Strength (MD/CD)	115/110 (g)
% Elongation	9.3/16 (%)
% Opacity	95%
Whiteness <sub>s</sub>	81
Gloss (75°)	55
Wet Expansion	2%
Optimum Printing Conditions	70 F (35-70% RH)

### APPLICATION GUIDELINES

#### Printer & Ink Compatibility:

GFIOP140PSA may be printed in most solvent and eco-solvent printing systems such as: Mimaki JV3, Mutoh Toucan, Seiko, Vutek, Scitex, Nur, Roland Versa Camm, Roland Sol Jet, etc.

#### Printer Settings:

Optimized printer settings will vary from printer manufacturers. Recommended heater setting: pre heat 52°C, and post heat 58°C. \*Note: Eco-solvent ink users: This product requires a slower print speed and/or higher resolution. Printing with 720X1440 dpi at 16 or 32 pass may be necessary. You must use the proper settings combined with the proper ICC profile.

### FINISHING RECOMMENDATIONS

#### Surface Protection:

For indoor and outdoor applications, GFIOP140PSA will hold up for 3-6 months without lamination. It is recommended to overlaminate if graphic will be exposed to severe conditions or where longer life is needed. Pressure-sensitive overlaminates are recommended for outdoor graphics. Liquid laminates can also be used. This added protection is needed where routine cleaning is common.

#### Installation:

Always ensure that the receiving surface is thoroughly cleaned, free of dust, dirt or cleaner residues. Painted metal, glass and standard glass cleaners or isopropyl alcohol (IPA). Poor surface conditions will cause adhesion loss or failure. The product is designed for use on smooth, flat surfaces as Stainless steel, glass, acrylic, ABS, polycarbonate, Plexiglas<sup>®</sup>, Foam Core<sup>®</sup>, and Sintra<sup>®</sup>. Textured surfaces and wood tend to promote poor adhesion. Application of this product to dry wall is not recommended due to potential difficulties in removal. Always pretest your specific substrate prior to actual application.

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For more information, call 1-800-628-8604,  
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\*Most updated version of this guide can be found on our website.

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