

# MAGIC® APPLICATIONS GUIDE

## GFPOLY

### Glossy Polypropylene Banner

#### for Solvent Ink Jet Printing Systems



MAGIC®GFPOLY is a glossy polypropylene banner for indoor, outdoor, and roll up applications and is specifically designed for solvent and eco-solvent ink jet printers. GFPOLY is a cost effective solution for printing short-term, high resolution glossy graphics, banners, P.O.P. displays, roll up displays, and posters.

### PHYSICAL PROPERTIES

Caliper . . . . .	8 mil (200 microns)
Basis Weight. . . . .	155g/m <sup>2</sup> (4.5 oz/yd <sup>2</sup> )
Whiteness . . . . .	87
Brightness . . . . .	90
Gloss . . . . .	78°
Optimum Printing Conditions . .	70° F (35-70% RH)

### APPLICATIONS GUIDELINES

**Printer & Ink Compatibility:** GFPOLY may be printed in most solvent ink jet and eco solvent printing systems such as: Mimaki JV3, Mutoh Toucan, Seiko, Vutek, Scitex, Nur, Roland Versa Camm, etc.

**Printer Settings:** Optimized print settings will vary from printer manufacturers. Recommended ink saturation level is 320% at 720x720 dpi. It is suggested that static reduction tinsel be used to minimize static electricity. Recommended heater settings: pre heat 50o C, and post heat 42°C. These settings have been found to be a good starting point. The use of external heaters or fans will help dry the media faster. Using the take-up reels is not recommended.

**Outdoor/Indoor Use:** This product is recommended for indoor and outdoor applications. If desired GFPOLY 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 of unprinted media should be stored at 72° F (+/-5°) and in its original packaging in the poly bag with core plugs for no more than 1 year.

### FINISHING RECOMMENDATION

**Laminating:** A vinyl pressure-sensitive overlamine or an acrylic liquid overcoat may also be used. Overlaminating one side may cause the product to curl towards the laminated side.

**Mounting:** Cold pressure sensitive adhesives typically provide the most aggressive bonds and are recommended.

### 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 Magic Recycle Bulletin @[www.magicinkjet.com](http://www.magicinkjet.com).

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For more information, call 1-800-628-8604,  
or visit our website: [www.magicinkjet.com](http://www.magicinkjet.com)

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