

# DISPLAY FILMS Magic® GBL-9

## Solvent Satin Backlit Film

*Making all Great Images Count*



[www.magicinkjet.com](http://www.magicinkjet.com)

### MARKET APPLICATIONS

- High quality, promotional indoor and outdoor backlit signage
- Backlit tradeshow displays
- Light box graphics and kiosks

### PRODUCT DESCRIPTION

- 7.0 mil, semi-opaque, one-side gloss polyester
- Front print, front view product
- For solvent and eco-solvent printers
- Durable, tear-resistant

### GENERAL AVAILABILITY

<u>GBL-9</u>	<u>Part #</u>
36" x 10'	70717
36" x 100'	70718
54" x 100'	70721
60" x 100'	70722

Core=3 inch

### FEATURES & BENEFITS

- Front print, front view, gloss backlit
- High image resolution and vivid color
- Maximum transmitted & reflected ink density
- Durable 7 mil polyester
- For solvent & eco-solvent printing
- Lamination with encapsulated is the best way to ensure complete water fastness: cold pressure laminates are recommended

### MEDIA COMPATIBILITY

GBL-9 is compatible with most solvent and eco-solvent ink, latex and UV cure printing systems – including Mimaki, Mutoh, Seiko, Vutek, Scitex, Nur, Roland, Hewlett-Packard, etc.

- \* For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on [www.magicinkjet.com](http://www.magicinkjet.com).
- \* For additional product details – including printer settings and lamination guidelines – see Application Guide under Tech Support of [www.magicinkjet.com](http://www.magicinkjet.com)
- \* For ICC profile availability, see [www.magicinkjet.com](http://www.magicinkjet.com)

**Phone:** 1-413-539-5731  
1-800-343-0818

**Disclaimer:** Information presented in this product sell sheet 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](http://www.magicinkjet.com).

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*InteliCoat Technologies®*

# MAGIC® APPLICATIONS GUIDE

## GBL-9

### Solvent Gloss Backlit

InteliCoat



Digital Imaging  
Substrates

**MAGIC® GBL-9** is a gloss backlit film for use in both solvent and eco-solvent printing systems. GBL-9 is a backlit film recommended as a front printing and viewing film where high density can be achieved. It is ideal for backlit signage applications, and provides maximum transmitted and reflected ink density, ensuring vivid color and high image resolution. GBL-9 is suitable for both indoor and outdoor light box graphics and kiosks; has excellent scratch resistance, and does not require lamination.

#### PHYSICAL PROPERTIES

Caliper . . . . .	7.0 mil (179 microns)
Opacity . . . . .	67 %
Gloss of Print Side (60°) . . . . .	99 with white backer
Optimum Printing Environment . . . . .	70°F (30-70% RH)

#### APPLICATIONS GUIDELINES

**Imaging:** The print needs to be front imaged and viewed from the image side. The print side is the gloss side and it is wound to the outside of the roll. The non-print side is much duller in sheen.

**Printer & Ink Compatibility:** GBL-9 may also be printed in most solvent and eco-solvent printers such as: Mimaki JV3, Mutoh Toucan, Vutek, Nur, Roland Versa Camm, Roland SolJet, etc. GBL-9 is also compatible with UV cure and HP Latex printers, please refer to the Magic Solvent Printer Compatibility Chart. To allow for ink outgassing, imaged product needs to rest 24 hours before handling.

**Printer Settings:** Dry-time will vary depending on ink type and the ink saturation level used. Optimized printer settings will vary from printer manufactures. A good starting point for heat settings 42°C (105°F) for pre-heat and 38°C (100°F) and post heat. Use maximum heat on exit dryer. Measures should be taken to minimize static on the printer, as ink over-spray may result if low level static is generated.

**Color Calibration:** ICC color profiles may be obtained for selected RIP, ink and printer combinations on the magicinkjet.com web site. Profile solutions are continually being generated, so consult the web page for current availability.

**Water Resistance:** Condensation in a light box will not affect the image. Lamination is not required but is recommended when an image will be exposed to repeated moisture or physical handling or when prolonged product life is needed. See lamination section below. GBL-9 should be installed with the image side facing out.

#### FINISHING RECOMMENDATIONS

**Image Protection:** Due to the waterfast coating, lamination is not required. Overlaminates will protect the image from physical damage if image is unprotected by glass. Cold pressure laminates is the preferred method. If using heat activated laminates, it is recommended to encapsulate, leaving 1/8" safe edge around the entire graphic to ensure complete waterfastness.

**Lighting:** Viewing with reflected or transmitted light yields outstanding image contrast and color vibrancy.

#### 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 @ [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)

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

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