

# MAGIC® APPLICATIONS GUIDE

## GFCVG *New & Improved*

### INK JET STRETCH CANVAS FOR SOLVENT INK PRINTER SYSTEMS

InteliCoat



Digital Imaging  
Substrates

MAGIC® GFCVG is a glossy polyester/cotton blend, 15 mil artist stretch canvas for solvent and eco-solvent ink jet printers. GFCVG canvas exhibits a consistent glossy white surface for long-term, fade-resistant fine art or photo reproductions when imaged with solvent inks. This light weight canvas allows for easy stretchability. GFCVG complements the existing solvent canvas offering and is designed for high volume production and stretching applications. GFCVG allows for solvent and eco-solvent printer owners to take advantage of the highly profitable fine art reproduction market.

#### PHYSICAL PROPERTIES

Caliper	.15 +/- 1.5 mil	383 microns
Basis Weight	353 +/- 90 g/m <sup>2</sup>	10.3 oz/yd <sup>2</sup>
Gloss (60°)	8.1	
Whiteness	80	
Brightness	85	
Optimum Printing Conditions	70°F (35-70% RH)	

#### APPLICATIONS GUIDELINES

<b>Printer &amp; Ink Compatibility:</b>	GFCVG may be printed in most solvent and eco-solvent printing systems such as: Mimaki JV3, Mutoh Toucan, Vutek, Nur, Roland Versa Camm, Mutoh Value Jet, etc.
<b>Printing:</b>	Ink coverage of up to 400% is recommended. Suggested heater settings: pre-heat 60° C, print heat 55° C. Due to the heavy weight of the canvas, feed rate through the printers may not be consistent, causing prints to differ slightly in size from print to print or from the expected size after RIP'ing. To optimize print quality, printers should be set for highest print quality. ICC color profiles for Magic® brand products can be obtained for selected RIP, ink and printer combinations on the <a href="http://magicinkjet.com">magicinkjet.com</a> web page. Color profiles for GFCVG, GFPOLY, and GFPHOTO are interchangeable.
<b>Base Consistency:</b>	The imaging layers of the material will be consistent, yielding repeatable image performance, but due to the material being a natural base, white point and fabric weave can vary from lot to lot of material.
<b>Mounting:</b>	After printing, material should be permanently attached to a rigid board or frame with staples or tacks. Using glue or pressure sensitive adhesives is not recommended, as this does not prevent the material from natural environmental shrinkage over time. When the material shrinks, the adhesive may fail, causing edges to curl and possible delamination. Shrinkage may also cause spacing between paneled job not mounted properly. All edges of the material should be affixed to the mounting surface to prevent the edges from curling. All canvas is susceptible to edge cracking if stretched improperly. See the technical bulletin "Mounting Canvas onto a Stretcher Frame" on the <a href="http://Magicinkjet.com">Magicinkjet.com</a> web site.
<b>Water Resistance:</b>	GFCVG has a high degree of water resistance due to the use of solvent inks. The water resistance may be affected if the recommended ink saturation level is exceeded.
<b>Surface Protection:</b>	Liquid laminates, such as Clearstar's laminates, are compatible and provide excellent surface protection. Always pretest the liquid laminate for compatibility prior to using. For more information, log onto their website: <a href="http://www.clearstarcorp.com">www.clearstarcorp.com</a> . It is not recommended to overlaminate with pressure sensitive laminates because they do not have complete contact with the surface of the textured canvas, delamination can result.
<b>Material Storage:</b>	Unimaged material should be stored at 72 F (+/-5 ) for no more than 1 year. After use, the roll should be stored in its original packaging in the poly bag for no more than 1 year.

#### PRINTER LOADING INSTRUCTIONS

GFCVG may be loaded into the printer in roll or sheet form. Before loading canvas, the cutting mechanism MUST be turned off or removed. If you do not turn off the cutter, the printer head may jam during the cutting sequence. Once the canvas is loaded, and before printing, advance the front edge 2 to 3 inches past the printhead to avoid head strike. After a print is completed, manually cut the print from the roll and remove the roll from the printer.

USA  
28 GAYLORD STREET  
SOUTH HADLEY MA 01075-2894

©2009 InteliCoat Technologies.  
All rights reserved.

*InteliCoat Technologies*

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

07/27/09

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