Canvas
GFCVM

MAGIC® APPLICATIONS GUIDE

GFCVM
Ink Jet Stretch Canvas
For Solvent Ink Jet Printing Systems

MAGIC® GFCVM is an acid-free, matte finish, artist stretch canvas designed for long-term, fade resistant fine art or photo reproductions when imaged with solvent and eco-solvent ink jet printers. The polyester/cotton blend canvas has a specifically designed coating which delivers superior color gamut and resolution. GFCVM has the added bonus of water resistance when printed with solvent / eco solvent inks.

PHYSICAL PROPERTIES

Caliper	15 +/- 3 mil (375 microns)
Basis Weight	300 +/- 45 g/m^2 (8.8 oz/yd^2)
Whiteness	81
Gloss (60°)	3.9
Optimum Printing Environment	70°F (30-70% RH)
Flame Spread Classification	Class B, based on ASTM E84 test method

APPLICATIONS GUIDELINES

Printer & Ink Compatibility: GFCVM may be printed using most solvent, eco-solvent, latex, and UV cure printing systems such as: Mimaki JV3, Mutoh Toucan, DGI, Vutek, Nur, Roland etc.

Printer Settings: Ink coverage of up to 250% is recommended. Suggested heater settings: pre-heat 58° C, print heat 52° 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 magicinkjet.com web page. Profile solutions are continually being developed and the web page updated, so periodically consult the web page for profile availability.
GFCVM 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.

Base Consistency: 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.

Mounting:

Water Resistance: GFCVM 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.

Surface Protection: Liquid laminates are compatible and provide excellent surface protection. Always pretest the liquid laminate for compatibility prior to using. Magic® Enhance or Marabu's Clearshield Type C formula is recommended, except when using HP Latex inks. . 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.

Material Storage: 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.

FINISHING RECOMMENDATIONS

After printing, material should be permanently attached to a rigid board or stretcher bars with staples or tacks. Using glue or pressure sensitive adhesives is not recommended due to natural shrinkage or expansion. Shrinkage may also cause spacing between paneled jobs 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.
Refer to the technical bulletin "Mounting Canvas onto a Stretcher Frame" on the Magicinkjet.com web site.