

MAGIC® PRODUCTS APPLICATIONS GUIDE



DMCVM20UV

HIGH TEXTURE INK JET STRETCH CANVAS FOR PIGMENTED PRINTER SYSTEMS

MAGIC® DMCVM20UV is an acid-free, matte finish, highly-textured, artist stretch canvas designed for long-term, fade resistant fine art or photo reproductions when imaged with UV pigmented inks. The 100% cotton canvas has a specifically designed coating which delivers superior color gamut and resolution. DMCVM20UV has the added bonus of water resistance when printed with UV inks.

PHYSICAL PROPERTIES

Canvas Type100% Cotton
Caliper20 +/-2 mils510 microns
Basis Weight10.4 oz/yd ²356 g/m ²
Gloss (60°)2.1
Whiteness107

APPLICATIONS GUIDELINES

Printer & Ink Compatibility:	DMCVM20UV is compatible on Encad NovaJet®/Pro/Proe, ColorSpan® Displaymakers, Hewlett-Packard DesignJet® 1000/2000/3000/5000, and most water-based piezo printers. It is recommended to use pigmented inks for longer-lasting images. The use of dye-based inks can result in premature fading especially with Encad GX, Ilford® Archiva, or Colorspan® Endurachrome inks.
Printing:	Ink coverage of up to 250% is recommended. 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. Media selection should be "HEAVY COATED PAPER" (HP 2000/3000 series), and "STUDIO CANVAS" (HP 5000 series). ICC color profiles can be obtained for selected RIP, ink and printer combinations on the web page given below. Profile solutions are continually being developed and the web page updated, so periodically consult the web page for profile availability.
Base Consistency:	True canvas has artifacts and base variations from the weaving process. This may cause white specs in imaged areas that may require retouching with art pens. This is known and accepted by many artists and producers of fine art reproductions. The imaging layer of the material will be consistent, yielding repeatable image performance, but due to the material being a natural base, white specks will vary from lot to lot. For those who prefer a less textured surface that does not require retouching, we recommend our poly-cotton canvas DMCVM17UV.
Mounting:	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.
Water Resistance:	DMCVM20UV has a high degree of water resistance when pigmented inks are used. The water resistance may be affected if the recommended ink saturation level is exceeded.
Surface Protection:	Overlaminating with hot or pressure-sensitive laminates is not recommended because the laminates do not have complete contact with the surface of the textured canvas. Delamination can result. Liquid laminates are compatible and provide excellent surface protection. Clearstar's Clearshield Type C Gloss has been tested and approved for use. ClearJet Fine Arts Gloss is not recommended because pinholes may occur. For more information, log onto their website: www.clearstarcorp.com .
Material Storage:	Unimaged material should be stored at 72° F (+/-5° F) for no more than 1 year. After use, the roll should be stored in its original packaging in the poly bag.

PRINTER LOADING INSTRUCTIONS

ENCAD NovaJet & Water-Based Piezo Printers:

DMCVM20UV 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.

HEWLETT-PACKARD 650C, 750C, 755CM, 2000, 3000, & 5000 Printers:

DMCVM20UV may be loaded into the printer in roll or sheet form. For 650, 750, 755, before loading roll canvas you should manually remove the cutter's pick-up bracket or bend it down slightly. This will disable the print head carriage from picking the cutter mechanism. For 2000/3000/5000 series, turn off cutter within the control panel. Always cut a straight & square feed edge using the cutting bar on top of the printer before loading any media.

When feeding the canvas, make sure you insert the left and right edges simultaneously, allowing the printer to take the media from you.

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For more information, call 1-800-628-8604,
or visit our website: www.magicinkjet.com

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

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