

MAGIC® PRODUCT APPLICATIONS GUIDE

DMCVH20

GLOSSY INK JET STRETCH CANVAS



MAGIC® DMCVH20 INK JET ARTIST STRETCH CANVAS is a glossy canvas for use on thermal & piezo ink jet printers. DMCVH20 is designed with a base and coating formulation to optimize performance for various applications on wide format ink jet printers such as: photo reproductions, fine art, maps and heavy-duty signage. The natural color of the canvas base is an attractive feature for authentic limited edition reproductions.

PHYSICAL PROPERTIES

Caliper	.20 +/-3 mils
	.510 +/-3 microns
Basis Weight	10 oz/y ²
	340 g/m ²
Base Material	100% Cotton
Gloss (60°)	10.4
Whiteness	86

APPLICATIONS GUIDELINES

Printer & Ink Compatibility: The material can be printed with Hewlett-Packard DesignJet®, Encad NovaJet® and ColorSpan® printers using dye-based ink. The water-based piezo printers are also recommended with the exception of the Epson printers. The Encad and ColorSpan ink sets may require longer dry times at higher relative humidity. Some pigmented inks can be used but expect long dry times.

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 and media selection should be "HEAVY COATED PAPER." 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: The imaging layers of the materials will be consistent yielding repeatable image performance but due to the materials being natural bases, white point and fabric weave can vary from lot to lot of material.

Indoor Use: These products are recommended for indoor applications only.

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.

Surface Protection: Overlaminating with hot, cold, or Magic® DMFTP is not recommended due to the laminates not always having complete contact with the surface of the canvas due to the high and low points of the weave of the material, leading to delamination. Liquid laminates provide the best surface protection. It is recommended to pretest liquid laminates for compatibility prior to using. Refer to the "Surface Protection" technical bulletin on our website for additional information.

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.

PRINTER LOADING INSTRUCTIONS

ENCAD NovaJet® & Water-Based Piezo Printers: DMCVH20 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 headstrike. 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 series: Magic canvas may be loaded into the printer in roll or sheet form. For 650, 750, 755 before loading roll canvas you should manually remove the cutters 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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10/15/02