

PRODUCT APPLICATIONS GUIDE

Magiclee

TORINO 20M Digital Fine Art & Photo Paper

HIGH TEXTURE INK JET STRETCH CANVAS FOR PIGMENT PRINTER SYSTEMS

MAGICLEE® Torino 20M is a matte finish, highly-textured, pH neutral, artist stretch canvas designed for long-term, fade resistant fine art or photo reproductions when imaged with pigment inks. The 100% cotton canvas has a specifically designed coating which delivers superior color gamut and resolution. Torino 20M has the added bonus of water resistance when printed with pigment inks.

PHYSICAL PROPERTIES

Canvas Type	. . . . .	100% Cotton
Caliper	. . . . .	.23 +/-2 mils575 microns
Basis Weight	. . . . .	.482 g/m ²14.1 oz/yd ²
Gloss (60°)	. . . . .	.2.1
Whiteness	. . . . .	.90
pH value	. . . . .	.7.0 (neutral)

APPLICATIONS GUIDELINES

Printer & Ink Compatibility:	Torino 20M is compatible on Encad NovaJet®/Pro/Proe, ColorSpan® Displaymakers, all Hewlett-Packard DesignJet® series printers (500/800/1000/2000/3000/5000), and most water-based piezo printers such as Epson Stylus®. It is recommended to use pigment 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 magiclee.net web page. 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 specks in the 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 Torino 17M.
Mounting:	After printing, material should be permanently attached to a rigid board or frame with staples or tacks. Using 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 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. See Magiclee Technical Bulletin "Mounting Canvas onto a Stretch Frame" on the Magiclee.net web site.
Water Resistance:	Torino 20M has a high degree of water resistance when pigment inks are used. The water resistance may be affected if the recommended ink saturation level is exceeded.
Surface Protection:	Overlaminating with Fluorex® Transfer Protection Film (DMFTP) is recommended using a two-pass process. The first pass is performed following the standard DMFTP application method. The second pass involves sending the canvas through the laminator rolls a second time without the release sheet. Liquid laminates are compatible and provide excellent surface protection. Always pretest the liquid laminate for compatibility prior to using. Clearstar's Clearshield Type C Gloss, Clearjet A-2000, and Fine Arts formulas are recommended. For more information, log onto their website: www.clearstarcorp.com. 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 may result.

PRINTER LOADING INSTRUCTIONS

HP, ENCAD NovaJet, and Water-Based Piezo Printers:

Torino 20M 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. Always cut a straight & square feed edge before loading any media. HP 5000 series printers requires the sheet to be at least 22" in length. When feeding the canvas, 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.magiclee.net

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

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