

MAGIC® PRODUCTS APPLICATIONS GUIDE

DMPG190 C2S

Coated Two Side Matte Presentation Paper



MAGIC® brand features a 2 sided heavy weight coated matte presentation paper designed specifically for 2 sided media and proofing applications. The 190 gram paper offers high opacity, bright white appearance, and optimal color gamut. Full-color images print clean and crisp, even with ink saturation levels up to 200%. Fast dry times and easy lamination make this paper an excellent choice for 2 sided applications.

PHYSICAL PROPERTIES

Caliper	9.2 mil
Basis weight	195 g/m ²
% Opacity	99%
Whiteness	120
Brightness	98

APPLICATIONS GUIDELINES

Printer and Ink Compatibility: Magic® coated matte presentation papers are compatible with pigment (UV) and dye inks. Pigment inks offer greater resistance to UV fade. DMPG190 C2S presentation paper may be printed on Hewlett-Packard Design Jet®, Canon iPF series, Epson Stylus® 9000/9500/9600/10,000, Encad NovaJe® Pro/Proe, Color-Span® Displaymakers, and other piezo water-based systems.

Printer Settings: To optimize print quality, Encad printers should be set for uni-directional printing and “Enhanced Multi-pass”, and “Heavy Coated Paper” for Hewlett-Packard printer systems. The recommended maximum ink saturation level is 200% for all paper types. If using DMPG190 C2S for two-sided image applications, ink limits on Encad printers are 100%. Ink saturation limits can vary due to ink types, ink drop volume and humidity, so ink saturation levels should be optimized for specific printers, ink, and software combinations. Over saturation will result in paper cockle and possibly head strike. This paper works best in an environment between 18-30°C or 65-86°F and between 30-70%RH. Longer ink dry times will occur at higher RH environments.

Material Handling: Store unused media in its original packaging. Images should be stored in an environment with 50%RH or less. Papers can absorb moisture in high humidity making ink dry times longer or can interfere with proper laminate adhesion.

FINISHING RECOMMENDATIONS

Finishing: DMPG190 C2S matte presentation paper can be overlaminated with most cold laminates and low temperature hot laminates, but cold are preferred and give better adhesion results. Make sure the images are completely dry prior to laminating. Exceeding the recommended ink saturation level can affect laminate adhesion or make lamination difficult due to paper cockle. When the paper is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch safe edge of laminate. This will seal the paper, preventing moisture absorption and paper splitting from the undue stress of the heavy gauge laminating films. Use laminates of equal gauge when encapsulating to prevent image curl.

Laminating: Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with these products. Low temperature laminates can be used as well.

RECYCLE AND DISPOSAL



Disposal by recycling of ink jet media is the preferred method. Where recycle markets do not exist, disposal by land fill or an approved incinerator is acceptable. See the Magic Recycle Technical Bulletin @ www.magicinkjet.com.

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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.

12/04/07