

MAGICLEE® / MAGIC® APPLICATIONS GUIDE

MagicLée® COATED MATTE PRESENTATION PAPERS

InteliCoat



Digital Imaging
Substrates

MAGICLEE® and MAGIC® brands feature a range of quality, coated matte presentation papers designed specifically to provide impressive performance-to-cost value for graphic art and prepress applications. Each of the five options, ranging from 98 g/m² to 212 g/m², offers high opacity, bright white appearance, and optimal color gamut. Full-color images print cleanly and crisply even with ink saturation levels up to 200%. The coated matte presentation papers are compatible with pigment (UV) and dye inks. GFIO140 & GFIO212 are compatible with solvent ink jet printers. Fast dry times and easy lamination make these papers excellent choices for high volume production applications.

PHYSICAL PROPERTIES

Property	DMPG98	Firenze132 (DMPG132*)	Firenze170 (DMPG170**)	GFIO140	GFIO212
Basis Weight (g/m ²)	98	132	170	140	212
Basis Weight (oz/yd ²)	2.8	3.9	5.0	4.1	9.9
% Opacity	87%	98%	98%	95%	95%
Brightness	91	96	97	89	89
Whiteness	115	117	121	81	83

*Firenze132 is 2-side imageable. Max 100% ink on Encad's, 200% on other printers.

**Firenze132 & Firenze170 are pH neutral

APPLICATION GUIDELINES

Printer and Ink Compatibility: The table below provides printer and ink compatibility data. The complete MAGIC® inkjet media compatibility chart can be obtained on our www.magicinkjet.com website. Pigment inks offer greater resistance to UV fade.

Product	Water Piezo		Canon series		HP series		Encad		ColorSpan		Solvent
	Dye	Pig	Dye	Pig	Dye	Pig	Dye	Pig	Dye	Pig	Pigment
DMPG98**	*	*	*	*	*	*					
Firenze132 (DMPG132)**	*	*	*	*	*	*	*	*	*	*	
Firenze170 (DMPG170)**	*	*	*	*	*	*	*	*	*	*	
GFIO140											*
GFIO212											*

** May be recycled.

Printer Settings: If using Firenze132 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 printer, ink and software combinations. Over saturation will result in paper cockle and possibly head strike. These presentation papers work best in an environment between 18-30°C or 65-86°F and between 30-70%RH. Longer ink dry times will occur in higher RH conditions.

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 conditions making ink dry times longer or can interfere with proper laminate adhesion.

Color Profiles: Color profiles can be obtained for a selected RIP, ink, and printer combination on the magicinkjet.com web site.

FINISHING RECOMMENDATIONS

Lamination: The coated matte presentation papers 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.

Mounting: Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with these products.

RECYCLE AND DISPOSAL



paper

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

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28 GAYLORD STREET
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InteliCoat Technologies

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

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

02/09/10