

MAGIC[®] PRODUCT APPLICATIONS GUIDE

DMUPG-9

UNIVERSAL PHOTOREALISTIC GLOSS FOR PIGMENT INKS



MAGIC[®] DMUPG-9 is a universal photorealistic gloss paper with a specialty coating compatible with the most popular wide format thermal and piezo inkjet printers using pigment inks. DMUPG-9 is designed for pigment inks, and is suitable with dye based inks. DMUPG-9 will produce long-lasting, stable, ink jet images never before possible with dye only compatible media. DMUPG-9 is ideal for photo reproductions, indoor signs, posters, and POP applications. The high caliper sheet is easy to handle during lamination.

PHYSICAL PROPERTIES

Caliper88 mil	220 microns
Basis Weight	217 g/m ²	6.4 oz/yd ²
Gloss (60%)48	
Whiteness114	
Brightness95	
% Opacity.97	
Optimum Printing Environment . . .	70° F / 21° C (30%-70% RH)	

APPLICATION GUIDELINES

Printer and Ink Compatibility: DMUPG-9 may be used on most thermal and water based piezo printing systems such as: Epson Stylus[®] and Hewlett-Packard DesignJet[®]. Both pigment and dye inks can be used, although this product may not be compatible in all thermal and piezo printers using pigment and dye inks. Ink dry times will be dependent on ink saturation level and humidity. 200% to 225% ink saturation is recommended.

Printer Settings: Use "Durable Gloss UV" on the HP5000UV series. Select "Premium Glossy Photo" in the Epson 9600. This product may not be compatible in all thermal and piezo printers using pigment and dye inks. Environment plays a role in dry time and paper cockle. High humidity environments will result in slower dry times and increased paper cockle due to moisture in the sheet. Allow image to completely dry before handling or laminating.

Color Calibration: Consult the web page for current availability of ICC color profiles for selected RIP's.

Image Stability: Pigment inks offer a more stable image from light & oxidation fade, but are not immune to loss of color from light exposure. Lamination is recommended to reduce fade and protect against smudging, abrasion, and finger prints. It is strongly recommended to laminate images printed with dye inks to reduce fade.

Material Handling & Storage: To protect unused material, store material in its original packaging, in the poly bag at 72° F (+/-5).

FINISHING RECOMMENDATIONS

Lamination: DMUPG-9 may be overlaminated with most cold laminates and low temperature hot laminates, but cold are preferred and give better adhesion results. Wait at least 4 hours prior to overlaminating. Waiting 24 hours is optimum. 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 photorealistic paper, preventing moisture absorption and paper splitting. Use laminates of equal gauge when encapsulating to prevent image curl. Overlamination will also decrease the rate at which images fade. Lamination will also add protection against dust, abrasion, and finger prints. Use laminates of equal gauge when encapsulating to prevent image curl. Overlaminating one side may cause the product to curl towards the laminated side.

Mounting: Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended. It is always best to pre-test the adhesive with the back of photo papers.

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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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