

PHOTOBASE PAPERS:
SIENA 200G & L (DMPDQU-G & L)
High-Gloss, Resin-Coated, Microporous Photobase Paper

Making all Great Images Count

InteliCoat



magiclée

Digital Imaging
Substrates

www.magicinkjet.com

MARKET APPLICATIONS

Art and Photo Reproduction
Signage
Posters
POP Displays
Proofing

PRODUCT DESCRIPTION

8 mil resin-coated photobase paper
Universal microporous coating
High-gloss or luster surfaces
Bright white
Thermal and piezo printer-compatible

STANDARD SIZES

SIENA 200G	Part #
17" x 100'	66246
24" x 100'	64077
36" x 10'	49302
36" x 100'	64078
42" x 100'	64079
44" x 100'	64080
50" x 100'	64081
54" x 100'	64082
60" x 100'	64083

SIENA 200L	Part #
17" x 100'	66245
24" x 100'	64070
36" x 10'	49301
36" x 100'	64071
42" x 100'	64072
44" x 100'	64073
50" x 100'	64074
54" x 100'	64075
60" x 100'	64076

Note: All on 2" cores

FEATURES & BENEFITS

Instant-dry images on most printers using dye or pigment ink
Superior pigment color gamut
Excellent ease of handling during printing and lamination
Premium feel – medium weight

PRINTER COMPATIBILITY

Can be used on most thermal and piezo water-based printing systems – including Epson Stylus®, Hewlett-Packard DesignJet®, Encad Novajet®, and ColorSpan DisplayMaker® series

Both dye and pigmented inks can be used. Dry times will be dependent on ink saturation level and humidity.

- * For complete Magiclée® / Magic® product sets, refer to Printer Compatibility Charts
- * For additional product details – including printer settings, and lamination guidelines (cold, pressure-sensitive adhesives are recommended for this product) – see Application Guide under Tech Support of www.magicinkjet.com
- * For ICC profile availability, see www.magicinkjet.com

Phone: 1-800-628-8604

Fax: 1-800-861-4128

Disclaimer: Information presented in this product sellsheet is intended to offer a useful reference in selecting media for your output. No media warranties are implied unless specifically mentioned. Printer and / or ink changes may affect results. The most current product information may be found at www.magicinkjet.com.

Date: March 2008

MAGICLEE®/ MAGIC® APPLICATIONS GUIDE

MagicLée

Siena 200G & Siena 200L
(DMPDQU-G & DMPDQU-L)

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NEXT GENERATION RESIN COATED PHOTOBASE PAPER

Siena 200 products are 8 mil, high quality, resin-coated photobase papers with a universal microporous coating available in both gloss and luster finishes. The Siena photobase papers are designed to provide instant dry times on most high speed thermal and piezo waterbased ink jet systems with dye and pigment inks. Product features include superior pigment color gamut and ease of handling during printing and lamination. Applications include photo reproductions, signage, posters, and POP displays.

PHYSICAL PROPERTIES

Gloss (60°) 41% (Gloss) . . 17% (Luster)
Caliper 8.0 mil200 microns
Basis Weight . . . 202 g/m² . . . 5.9 oz/yd²
Whiteness 106
Brightness 92
% Opacity. 93

APPLICATION GUIDELINES

Printer and Ink Compatibility: Siena 200 products can be used on most thermal and piezo water-based printing systems such as: Hewlett-Packard DesignJet®, Epson Stylus®, Encad Novajet®, Colorspan® Displaymaker series, and Canon® iPF series. Both dye and pigment inks can be used. Ink dry times will be dependent on ink saturation level and humidity.

Printer Settings: To optimize print quality, printers should be set for the highest print quality or photobase print mode. The recommended media settings are: "Durable Gloss UV" in HP5000 series, "High Gloss Photo" for HP1000/2000/3000 series, "Enhanced Multi-Pass" for Encad Novajet, and "1440 dpi" or "Photo" mode for water-based piezo printers. 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. Siena 200 products work best in an environment between 18-30°C or 65-86°F and between 20-80%RH. Longer ink dry times will occur at higher RH environments.

Color Calibration: ICC color profiles may be obtained for selected RIP, ink and printer combinations on the magicinkjet web page. Profile solutions are continually being generated, so consult the web page for current availability.

Image Stability: Pigment inks offer a more stable image from light & oxidative fade. Due to the nature of microporous coatings, dye-based ink images will fade quicker than images printed on non-microporous coatings. The fade can be avoided if prints are laminated after printing, which prevents the oxidation related fade.

Material Handling: Careful handling after printing is recommended. Although the material is not intended for outdoor use, the coating does offer limited water resistance.

FINISHING RECOMMENDATIONS

Lamination: This product can be overlaminated with most cold laminates and low temperature laminates, but cold are preferred and give better adhesion results. 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. Overlaminating will decrease the rate at which the images fade, but due to the optical characteristics of the material, dye-based ink density may appear less vibrant when laminated. Lamination can be done immediately after printing as long as the image is dry to touch, where inks do not smudge or smear to the touch. *Avoid direct contact of image side to lamination rolls as sticking may occur.* Cold, pressure-sensitive adhesives typically provide the most aggressive bonds and are recommended for use with this product.

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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.

03/20/08