

MAGICLEE®/MAGIC® APPLICATIONS GUIDE

MagicLee

Palermo White Film GLOSSY WHITE POLYESTER FILM

InteliCoat



Digital Imaging
Substrates

Palermo White Film is a premium glossy white polyester film that is durable, and tear-resistant. The ink jet coating accepts most dye-based and pigment OEM inks. Palermo White Film provides a high contrast white background which results in vibrant, high resolution images for signage and display graphics. Palermo White Film is ideal for POP displays and graphic panels for exhibits and trade shows.

PHYSICAL PROPERTIES

Total Caliper / 4.85 mil / 121 microns	Optimum Printing Environment / 70°F / 21°C (30-70% RH)
Opacity / 92%	Indoor Product Life Expectancy / 1 year (with overlamine)
Whiteness / 127	Flammability Rating (ASTM E-84) / Class A
pH value (Tappi T509) / 6.5 (neutral)	

PRINTING GUIDELINES

Printing: Print side is always wound to the outside of the roll.

Printer & Ink Compatibility: Palermo White Film can be printed with Hewlett-Packard DesignJet® series, Encad Novajet®/Pro/Proe, ColorSpan® Displaymakers, Epson Stylus® Pro series, Canon® iPF series, and most piezo water-based pigment printers. In the HP DesignJet HPZ6100, the Palermo may not feed reliably and is not recommended for use. It is recommended to use pigment inks for longer-lasting images.

Printer Settings: To optimize print quality, printers should be set for highest print quality. Media selection should be "Photo Imaging Gloss / Max Quality" mode in Hewlett-Packard Design Jet 5000 Dye. "Photo Gloss / Production Quality" for Hewlett-Packard Design Jet 5500 UV. For Canon iFP series, media selection is "Super Gloss (Premium), Max Quality", 2400x1200 dpi. For Epson Pro series, use Photo Ink at 2880 dpi and select Premium Photo Glossy 250, high speed, finest detail.

Color Calibration: ICC Color Calibration profiles can be obtained on our website. Profiles can be downloaded for a selected RIP, printer, ink, and media combination. Profiles are generated on a continual basis. Consult the website for availability.

Material Handling & Storage: Handle product by the edges to avoid getting fingerprints on the imaged areas. It is recommended that white gloves be worn when handling, unloading, and handling the film. To protect unused material, it is recommended to store material in its original packaging, in the poly bag at 59-86°F / 15-30°C and 30-70% RH.

APPLICATIONS RECOMMENDATIONS

Lamination: If added surface protection is desired, it is recommended to use a low-temperature thermal or a pressure-sensitive overlamine. Allow film to dry completely prior to handling. The higher the relative humidity, the longer one should wait. In high humidity environments (80%), prints should be allowed to dry up to 24 hours. Most low temperature overlaminates may be used. PSA backers such as Seal® Stop Light 220PS and Stop Light 320PS may be used. Not recommended with Seal® Stop Light Thermal backer. Always pretest your substrate for compatibility.

Trade Show Graphics: Palermo White Film, combined with a pressure-sensitive polycarbonate overlamine, is a durable option for producing trade show graphics. Heavier gauge laminates apply more force on the layers. After lamine application, allow adhesive to cure prior to shipping and handling. Adhesive strength typically improves over time; one hour minimal, overnight is better. Be careful rolling and unrolling prints. It is recommended not to roll laminated prints into smaller than a 12" diameter tube, as this can stress the lamination bond. Always roll with the polycarbonate film facing outward.

RECYCLING AND DISPOSAL

 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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InteliCoat Technologies

For more information call 1-800-628-8604
or visit our web site at www.magicinkjet.com

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

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