

Specification / Imaging Guide

Photo HPL (PHPL)

A 6 mil, resin-coated, photo-base paper for HP printers with a bright white, matte surface that prints and laminates especially well on HP printers.

Specifications

Basis Weight (Total)	146 g	Gloss (Percent)	5	Printer Compatibility
Caliper (Mils)	6	Opacity	93	HP, Encad, ColorSpan, Epson

Application Suggestions

Photographic reproductions and full-color photo proofs dynamically stand out on this resin-coated media. PHPL can be used by magazines, advertisers, artists and photographers to create dazzling presentations and full-color posters.

Imaging Guidelines

Printing: PHPL can be used on a wide variety of printers with dye-based inks, but it stands out as a product that prints and laminates well when printed with HP dye-based inks. Print dry time is approximately 10 minutes from most printers listed. Ink saturation should not exceed 200 percent.

Media Handling: Media should be allowed to acclimate for 48 hours in the printing environment before use. The use of cotton gloves when handling may prevent transfer of oil and dirt to the print surface which could affect print quality.

Storage / Printing Environment: It is recommended to store and print on this media in a controlled environment at a temperature between 50 - 85° F and a relative humidity between 30 - 65 percent.

Printer Settings: Printer and RIP software may need to be calibrated for optimum quality. For HP DesignJet printers, choose "Semi-Gloss Photo" for the media setting.

Finishing Recommendations

Lamination: This media is compatible with both thermal and pressure-sensitive lamination films. It has been tested with various types of lamination films and thermal laminates very well when printed with HP dye-based inks. No incompatibilities were found.

Laminators: As a guideline, we recommend a "low-melt" film laminating at approximately 205° F with a speed of around 5 fpm. When laminating with PSA films, a heat-assist of approximately 120° F on the top roller at a speed of around 3 fpm is recommended. These specs can greatly vary from machine to machine and can also be affected by your environment.

Mounting: Mounting prints can be easily done with pressure-sensitive mounting materials or spray adhesives applied directly to the mounting substrate.

Handling: When laminating with a PSA laminate, a curing time of 24 hours is recommended in order to allow the adhesive to achieve optimum strength.

Shipping / Delivery: When preparing a piece to transport, roll the laminated image print-side out as **LOOSE** as possible; this will help avoid tunneling.

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Products and sizes subject to change. Suggestions made concerning uses, applications and compatibility are only the opinion of Milano. They are provided as a guide only and shall in no event constitute a warranty of any kind. The user assumes all risk from the use of these products and must confirm suitability thereof by his/her own tests. Our liability will in no event exceed the dollar value of the material sold. If at any time Milano-branded media fails to meet our specifications please return printed and unused portion for a full credit or exchange.

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