

Specification / Imaging Guide

Satin Plus

A 7 mil photo-base paper with a bright white, satin surface that accepts heavy ink coverage and promotes bright vibrant colors to give that true photo look.

Specifications

Basis Weight (Total)	170 g	Brightness	95	Printer Compatibility
Caliper (Mils)	7.0	Opacity	90 +	HP, Encad, ColorSpan
Gloss (Percent)	33			

Application Suggestions

Photographic applications such as those done for magazines, advertisers, corrugated boxes, photographers and artists are no challenge for this heavy-weight media. Satin Plus is also well-suited for high-quality posters and presentations as well as indoor banners and signage.

Imaging Guidelines

Printing: Satin Plus can be used on a wide variety of printers with dye-based inks. Print dry time is approximately 15 minutes from most printers listed.

Media Handling: Media should be allowed to acclimate for 24 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 as well as ProTect lamination spray. It has been tested with various types of lamination films and no incompatibilities were found. In higher RH environments, PS lamination works best. PS lamination is also recommended for HP printed images.

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 adhesive 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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