

# Specification / Imaging Guide

## PolyPro Satin

An economic alternative to high-priced banner vinyl, PolyPro Satin is made of durable polypropylene with incredible tear strength and a scratch-resistant surface.

### Specifications

<b>Basis Weight</b> (Total)	240 g	<b>Brightness</b>	93.7	<b>Printer Compatibility</b>
<b>Caliper</b> (Mils)	7	<b>Opacity</b>	89	HP, Encad, ColorSpan, Roland
<b>Gloss</b>	85	<b>Whiteness</b>	90	

### Application Suggestions

PolyPro Satin is a sturdy material that exhibits brilliant color graphics for trade show displays and short-term outdoor signage with PS UV lamination. Posters and full-color proofs are masterfully displayed on this media.

### Imaging Guidelines

**Printing:** PolyPro Satin can be used on a wide variety of printers with dye-based inks. Print dry time is approximately 10 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 thermal and pressure-sensitive lamination as well as ProTect lamination spray. It has been tested with various types of lamination films and 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 <190° 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.

**Hemming / Stitching:** PolyPro Satin can be grommeted for short-term indoor banner applications. Metal grommets should be inserted to penetrate 2-4 layers of material for increased strength and durability.

**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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