

Specification / Imaging Guide

WaterFast PolyBanner (WP10)

A durable, polyethylene banner material that is an inexpensive alternative to WaterFast Banner Vinyl. It accepts heavy ink coverage and exhibits bright vibrant colors.

Specifications

Basis Weight (Total)	6.7 oz	Brightness	95	Printer Compatibility
Caliper (Mils)	10	Opacity	100	Encad, HP, ColorSpan, Roland
Gloss	2.1			

Application Suggestions

This media's water-resistant properties make it ideal for both indoor and outdoor projects. High-quality banners and displays dynamically stand out on WP10.

Imaging Guidelines

Printing: WB10 can be used on a wide variety of printers with dye-based or pigmented inks. Print dry time is approximately 5 minutes from most printers listed. Ink saturation should not exceed 200 percent.

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 UV setting "B" for the media selection.

Water-Resistance: Pigmented inks are recommended for optimum water-resistance, however dye-based inks can be used for indoor applications. Image should be allowed to cure for 24 hours before exposing to water. It is normal for a small amount of residual ink to run off the image when it is first exposed to water. This does not deem failure.

Finishing Recommendations

Lamination: This media is compatible with spray lamination such as our ProTect lamination spray. Pressure-sensitive laminating is possible but may cause the image to curl slightly.

Laminators: As a guideline, we recommend laminating with PSA films and using a heat-assist of approximately 80° F on the top roller at a speed of around 3 fpm. These specs can greatly vary from machine to machine and can also be affected by your environment.

Mounting: Use of a spray adhesive when mounting is recommended.

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: WB10 is perfect for sewing panels together to create backdrops or displays. When grommeting this material, it is recommended that grommets go through at least 2 layers of vinyl and be placed every 30 inches. Corners should have grommets going through 4 layers.

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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