

Specification / Imaging Guide

WaterFast Scrim Vinyl

A non-adhesive, durable scrim vinyl with a blockout layer for opacity and a water-resistant, low-glare coating that promotes crisp, sharp images.

Specifications

Basis Weight (Total)	12.5 oz	Brightness	95	Printer Compatibility
Caliper (Mils)	16	Opacity	100	Universal
Gloss	2.1			

Application Suggestions

Because it is a durable, water-resistant material, WB16 is an outstanding product for use with short-term (6 months with pigmented inks) outdoor and indoor banner applications as well as billboard signage.

Imaging Guidelines

Printing: WB16 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. **This product is not compatible with Lyson inks, ColorSpan Endura Chrome and Perma Chrome inks, Ilford Archiva inks and Encad GX inks.** 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. 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. Laminating is possible but may cause the image to curl.

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 a spray adhesive if mounting is required.

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: WB16 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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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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