

Specification / Imaging Guide

Backlight2 (BL2)

A durable, transparent polyester film with an ultra-white diffuser coating that allows for reverse or direct printing. BL2 is engineered to accept heavy ink coverage while giving optimum color saturation. This anti-static media also has a scratch-resistant coating.

Specifications

Basis Weight (Total)	160 g	Whiteness	120	Printer Compatibility
Caliper (Mils)	5	Opacity	1.90	Universal

Application Suggestions

BL2 is the perfect product for eye-popping backlit signage as well as transit displays, mall directories and P-O-P displays. It can be reverse printed and laminated or mounted directly to a substrate with two-sided mounting adhesive so that no lamination is needed.

Imaging Guidelines

Printing: BL2 can be used on a wide variety of printers with dye-based or pigmented 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 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 "Backlit" 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 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.

Installation: For an outdoor display that will hold up under changing weather conditions, mount BL2 to Plexiglas or laminate for rigidity. Sealing the edges with an outdoor waterproof tape may help keep moisture from being introduced into the display.

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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