

# Specification / Imaging Guide

## UltraBond (UB46)

An economical, 46 lb., premium, heavy-weight bond with a bright white, matte surface that provides superior color saturation, enhanced print resolution and high-quality output with no glare and fast dry time.

### Specifications

<b>Basis Weight</b> (Total)	158 g (46 lbs)	<b>Brightness</b>	96	<b>Printer Compatibility</b>
<b>Caliper</b> (Mils)	8.4	<b>Opacity</b>	98	Universal

### Application Suggestions

With comparable characteristics to our UB36, this material accepts a heavier ink saturation for vivid, indoor color graphics. UB46 displays quality digital images for courtroom graphics, indoor signage and P-O-P displays and is an outstanding media for color proofing, mapping, posters and simple color line work.

### Imaging Guidelines

**Printing:** UB46 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 48 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 "Heavy Coated Paper" 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. Encapsulation of image is recommended.

**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 can be easily done with pressure-sensitive mounting materials or spray adhesives applied directly to the 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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