

# Specification / Imaging Guide

## LexMatte Frosted (LMF)

A frosted, view-thru (reverse print) polycarbonate with an embossed face for superior scratch resistance and low-glare imagery.

### Specifications

<b>Caliper</b> (Mils)	10	<b>Opacity</b>	10	<b>Printer Compatibility</b>
<b>Slip Resistance</b> (Coefficient of Friction)	Wet .79 to .84 Dry .60 to .67			Encad, ColorSpan

### Application Suggestions

A highly scratch-resistant material, LMF is perfect for floor graphics when used with Milano floor mounting adhesive. It is also great for trade show graphics. While this product may be used as a backlight material for signage and displays, it may also be mounted to a white surface for a protected print that does not require an over-laminate.

### Imaging Guidelines

**Printing:** LFC can be used on a wide variety of printers with dye-based 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.

### Finishing Recommendations

**Lamination:** This media is compatible with pressure-sensitive lamination films and PS backers. It has been tested laminating with various types of PSA lamination films and no incompatibilities were found.

**Laminators:** As a guideline, we recommend laminating with PSA films and using a heat-assist of approximately 120° 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:** Mounting prints can be easily done with pressure-sensitive mounting materials or spray adhesives applied directly to the mounting substrate.

**Installation:** For an outdoor display that will hold up under changing weather conditions, mount LMF 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 or mounting with a PS backer, a 24 hour curing time is recommended to avoid tunneling.

**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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