



# Laminating, Mounting, and Finishing Magellan Wide Format Inkjet Media

Proper laminating and finishing are essential final steps in wide format print production. Lamination can provide additional surface-protection particularly from dirt, abrasion, and moisture, as well as limited protection from UV fading of inks. It can also add or diminish gloss on your final image output. Both hot and cold laminates are available with varying results. It is extremely important that your image be completely dry prior to laminating, or your print may not laminate properly causing it to de-laminate over time. Also make sure that your image is thoroughly dry before mounting to avoid being ruined. Mounting, trimming, addition of grommets, etc. ensure the print fits the requirements of the final application.

## Lamination Definitions

**Heat-Activated Thermal** 210-240° F (99-166° C)

Polyester laminates applied with hot roll laminators at 210-240° F

**Heat-Activated Low Temperature** 185-195° F (85-91° C)

Polyester laminates applied with hot roll laminators at 185-195° F

**Heat-Assisted** 185-195° (85-95° C)

Polyester or vinyl laminates with pressure-sensitive adhesives, especially formulated for inkjet prints and applied with hot-roll laminators at 185-195° F.

**Pressure-Sensitive**, Ambient to 120° F (49° C)

Polyester or vinyl laminates with pressure-sensitive adhesives on a release liner, applied at ambient conditions or at a low temperature of 100-120° F.

Cold (Pressure-Sensitive) materials come in a variety of finishes and film bases. Cold laminates are preferred for outdoor applications. The thicker stiffer polycarbonate films are more aggressive and recommended for trade show graphics. Pressure-sensitive laminates may "tube" or delaminate when rolled.

For Heat-Activated Thermal and Low Temperature, use a laminate with a thickness of 3mil on the print side. A thicker laminate may be used on the back of the print for durability and increased thickness.



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