



CTI PAPER USA

Plike®

'Plastic-like' Luxury Printing & Handling Hints

PLIKE® Plastic-like Papers are easy to print on when following these simple hints.

We recommend you pre-test all procedures prior to press time to ensure you achieve the desired results.

Inks: PLIKE has a totally non-absorbent surface. UV printing is highly recommended. If UV printing is not possible, for optimum results, we recommend inks that dry by oxidation and contain less than 5% VOC (solvents). Please consult your ink manufacturer prior to printing. Fluorescent or rhodamine-containing inks require press trials.

Handling: Keep PLIKE wrapped in mill packaging until the moment of printing. It is essential to let the paper acclimate in the press room for a minimum of 24 hours — longer during cold weather. Also keep PLIKE covered during drying, between passes and prior to any finishing work. Pressroom conditions should be as close as possible to 68 degrees and 45-60% relative humidity.

Reverse: PLIKE is equally coated on each side. We recommend you print both sides of the first 10 sheets to ensure you achieve the desired results on each side.

Delivery: For optimum results, set jogger pressure to a minimum and lifts at 8 to 12 inches for UV printing or 2 to 3 inches for oxidizing inks. It is advisable to fan the sheets on all four sides before printing to ensure separation of the sheets.

Fountain Solution: Fountain solution pH of 4.8 to 5.2 is ideal. Monitor conductivity and carefully control the alcohol/water balance. Solid or multiple color bars can be used to assist in removing water and aid in ink set time.

Cutting: Use care when cutting PLIKE. Use a sharp knife with minimum clamp pressure.

Scoring and Folding: To properly score PLIKE, start with a 2 point rounded channel score. The matrix channel should be a minimum width of 2.5 times the caliper of the sheet to be scored, plus 0.028" — normally 0.050" for text and 0.060" for cover.

Binding: PLIKE is suitable for all standard binding processes. Polyurethane glues should be used. It is important to plan for proper grain direction in all binding applications. Grain direction should run parallel to the spine for optimum results.

Lamination: For lamination projects trials are recommended before operation.

Foil Stamping: For optimum results, use foils suitable for plastic materials.

*Note: The above recommendations are "hints" based on our knowledge and experience.
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Email printing@thepapermill.com or call 800-284-7273 for additional assistance.*