



CTI PAPER USA

Stardream 2.0®

Pearlescent Paper

Printing & Handling Hints

STARDREAM 2.0® Pearlescent 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: STARDREAM 2.0 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.

Handling: Keep STARDREAM 2.0 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 STARDREAM 2.0 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: STARDREAM 2.0 cover is equally coated on each side. We recommend printing both sides of the first 10 sheets to ensure you achieve the desired results on each side. Stardream 2.0 is also available in 74 lb text as coated one-side paper.

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.

Fountain Solution: Fountain solution pH of 4.8 to 5.5 is ideal. Monitor conductivity between 800-1200 ms 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. Minimize fountain solution to avoid emulsion into the ink.

Cutting: Use care when cutting STARDREAM 2.0. Use a sharp knife with minimum clamp pressure.

Scoring and Folding: To properly score STARDREAM 2.0, 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: STARDREAM 2.0 is suitable for all standard binding processes. Polyurethane glues are preferred. 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, especially for dark colors.

Foil Stamping: Some specific foils can interact with the coating especially on dark colors. This can be resolved by using an acrylic primer first, foil stamping a clear foil under the final foil or precoating with a UV primer.



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*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.*