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Knichtkote

White Matte Coated
Printing and Handling Hints

Knichtkote paper is easy to print on when following these simple hints. It is recommended to pre-test all printing procedures prior to press time to ensure the desired results are achieved.

Offset Printing: Ask your ink manufacturer about Knichtkote paper by brand name. Fast setting inks work best with Knichtkote. Avoid heavily pigmented inks like chrome yellows and greens, deep maroons, reds or blues with bronzy overtones. Avoid spirit varnishes that may yellow the sheet. Keep printing pressure normal for smooth Knichtkote and keep water to a minimum.

Handling: Keep Knichtkote paper wrapped until the moment of printing. It is essential to let the paper acclimatize, for a minimum of 24 hours – longer during cold weather – in the press room while still wrapped in mill packaging. Keep Knichtkote paper 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. If the bindery has a different climate than the pressroom, allow the paper to acclimate to those conditions.

Offset Spray: If an offset spray is needed, use it sparingly to avoid getting a rough surface.

Delivery: Jogger pressure should be set to a minimum. Lifts set at 3 to 5 inches will provide optimum results.

UV and Aqueous coating: UV and aqueous coatings are optional as a surface protector, especially for areas of heavy ink coverage. UV coatings can yellow the sheet so consider precoating with varnish or aqueous coating before the UV coating. Pre-test for compatibility.

Cutting: Use extreme care when cutting. Use a sharp knife with minimum clamp pressure. To achieve a clean edge, back trimming is essential. Wipe the newly cut edge with a clean, soft, glycerin-saturated cloth.

Folding and Scoring: To properly score matte coated paper, use a 2 point rounded channel score. For the matrix channel, it is recommended to use a minimum width of 2.5 times the caliper of the sheet to be scored, plus 28/1000". Score with the grain, using a light letterpress score (not on-press litho-scoring). Fold into the bead of the score.

Foil Stamping and Embossing: Pre-testing is always recommended, but you can expect good results.

Digital Printing: Knichtkote is available in Color Imaging for laser printers, Direct Imaging for DI presses, HP Indigo Sapphire treated and In-Fusion (Non-sapphire coated for HP Indigo presses)

Hints by Thepapermillstore.com, verified by Smart Papers.

Note: The above recommendations are "hints" based on our knowledge and experience.

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