



Great Paper at Great Prices Shouldn't be Hard to Get

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Mohawk Beckett Cambric Uncoated Paper Printing and Handling Hints

Becket Cambric Papers are 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 Inks: Print Becket Cambric like any conventional uncoated paper. If you plan to follow offset printing with digital printing or ink jet printing, be sure that the inks are compatible with those applications.

Handling: Keep Becket Cambric products wrapped until the moment of printing. It is essential to let the paper acclimate, for a minimum of 24 hours – longer during cold weather – in the press room while still wrapped in mill packaging. Keep Becket Cambric products covered during drying, between passes and prior to any finishing work. Pressroom conditions should be as close as possible to 70 degrees, and 40-50% relative humidity.

Varnish: Matte or dull varnish and aqueous coating are optional as a surface protector.

Folding and Scoring: For best results, 100lb. text papers and all cover weights should be scored before folded. Folds against the grain, gatefolds, and folds running throughout heavily inked areas should also be scored. As a general rule of thumb, the correct creasing channel is determined by multiplying the paper's caliper by two and then add the width of the creasing rule. (Note each 1 pt. of rule equals .014 inch). Mohawk recommends a minimum 2 pt. rule for all scores both with and against the grain. Sometimes a wider score must be added – but too much width can be worse than too little, causing the sheet to fold unevenly on one side of the score rather than the center. A double, parallel score can be used to keep it straight.

Binding: Becket Cambric is suitable for all standard binding processes. It is important to plan for proper grain direction in all binding applications. Grain direction should run parallel to the spine for optimum results.

Laser guaranteed in digital and cut-size papers within the limits of the printer. This guarantee is extended after printing offset if Mohawk Preprinting guidelines for digital applications are followed:

Preprinting guidelines for digital applications: Most Mohawk papers are engineered for high-performance on both offset and digital printing equipment. Many applications, such as forms and letterheads, require you to have folio-size sheets preprinted with offset lithography and trimmed down for subsequent printing in digital equipment. We guarantee our folio papers for these applications, provided standard industry guidelines for preprinting are followed. Please note that heat-set web offset printing is not recommended for pre-printed shells.

Paper selection: Papers with good formation (an even distribution of fibers) and a smooth finish provide the best results in most digital equipment. Bright white paper will add to color brilliance, contrast and definition. Toner does not adhere well to uneven paper surfaces, so heavily textured or embossed papers are not recommended for traditional digital presses. Check the specifications of the digital printing equipment before running coated paper. The paper's basis weight should fit within the equipment's specifications. Some machines must run 20 to 24 lb. (70 to 90 gsm) paper; others have a much wider range. Plain paper samples for testing in digital printers are available. Paper merchants can provide samples of the specific paper grade, basis weight and size.

We are an FSC certified company and buy Green-e certified wind certificates for 100% of our electricity needs.



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Although newer digital color production presses can run a wide range of substrates, HP Indigo presses have particular substrate limitations that have traditionally been solved by using sapphire-treated papers. Mohawk's i-Tone® process was developed to overcome these issues, improving both toner adhesion and blanket memory. It enhances print quality on the HP Indigo, the Kodak NexPress, and the Xerox iGen3™ Digital Production Press. Unlike Sapphire-treated papers, Mohawk i-Tone papers can be offset printed and then run through an HP Indigo press. Please consult your HP Indigo printer for specifications for the offset print run.

Printing and design: Stationery and forms preprinted with ordinary ink will smear under the extreme heat and pressure of fuser rollers in high-speed copiers. In addition, improper handling and storage may cause jams. It is important to follow these standard industry practices when printing jobs that will be run through copiers and laser printers.

Provide the copy/laser printing schedule to the offset printer, so that the job is planned correctly. Discuss options if it is a tight turnaround.

The ink manufacturer can provide inks for laser applications. The job will require oil-based heat- or thermal-resistant inks. Inks should withstand 400° Fahrenheit without smearing. Avoid metallic inks as the metallic flakes can build up on the fuser rollers. Fluorescent inks are also not recommended. Minimizing ink and water on press should help reduce the possibility of wavy paper.

Anti-offset powder or spray residuals can interfere with toner application and build up in the system, causing problems.

Toner does not adhere well to heavily printed areas. The digital image should print directly onto the paper, avoiding an overlap of offset ink. If the job specifies an overprint of a preprinted solid area, use a halftone screen to achieve the desired color.

If planning to imprint just one side of the preprinted form, print and pack so that the top (felt) side is imaged. For two-sided copying, the bottom (wire) side should be imaged first. Note: Mohawk papers are packed felt side up in cartons and reams. Care should be given when specifying relief processes, such as thermography, engraving, foil stamping, and embossing as they may damage your equipment and cause jams.

Paper must be trimmed precisely, square, and with clean cuts. Improperly trimmed paper can misfeed and cause performance problems.

Packing and storage: Prevent tight plastic shrink-wrapping as it will curl edges and corners, leading to jams. Packing with chipboard is preferable. After wrapping, store preprinted material for 10 days before using to ensure completely cured ink and acclimated paper. Store at 50% relative humidity, at 70° Fahrenheit.

A wide variety of papers available for use in HP Indigo presses are sapphire treated to yield consistent image quality and maximum ElectroInk adhesion. Papers that have been sapphire treated are sensitive to environmental conditions. Heat and humidity play a key role in maintaining the shelf life of such papers. Product shelf life is approximately 6 months from the treatment date when store at 70 degrees F (21 degrees C) and 50% relative humidity. We recommend keeping sapphire treated papers in the original shrinkwrapped packages until ready to print. Any unused paper should be rewrapped for protection and to ensure optimum performance on press.

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Envelopes: Testing the runnability of envelopes is recommended. Because of multiple paper thickness and variable envelope construction, we cannot guarantee performance once papers are converted into envelopes. Paper merchants can provide specific envelope samples for testing.

Due to the large variety of equipment available for both offset and digital printing, we strongly recommend testing any paper before committing to a large program.

End of Preprinting guidelines. Used by permission.

Hints by Thepapermillstore.com, verified by Mohawk Paper technical.

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

Thepapermillstore.com and its affiliates do not accept responsibility for omissions or pressroom errors.



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