

oxford® Papers Production Considerations

STORAGE / HANDLING

Papers need to acclimate to pressroom conditions at least 24 hours before opening. Pressroom humidity should be in a range of 45%–55% at 70°–75°F. Once open, rewrap unused product.

PREPRESS

As a general rule with uncoated paper, imagery should be adjusted in prepress to compensate for the additional 5–15% tone value increase that will occur. The precise amount of undercolor removal is image-specific. Total area coverage should not exceed 320%.

INK / PRINTING

Inks with more tack will provide a firmer dot. A textured sheet is more absorbent than a smooth sheet, so more ink and additional cylinder pressure may be necessary to ensure smooth ink coverage. The use of opaque light inks on dark stocks may require an in-line double pass. Metallic inks work well and deliver successful results. Anticipate a dry-back of 5 to 7 density points.

VARNISH

Low solvent (0–5%) varnish can be used as a surface protector; it will not alter nor enhance the appearance of uncoated smooth and textured papers. Your ink supplier is the best resource.

AQUEOUS COATING

Aqueous coating can be used as a surface protector; it could alter the appearance of the paper. Most printers will only use aqueous coating on heavier weight stocks and only with a special formulation for uncoated papers to avoid possible paper curl. Pretesting is necessary. Your ink supplier is the best resource.

EMBOSSING

Writing, Text and Cover weights, in all finishes emboss and deboss beautifully. The die's impression will smooth a textured finish, resulting in a dramatic contrast between the two.

ENGRAVING

Engraving inks need no special treatment. Best results come with a female plate of .064 gauge copper and handcut male counter plate of 24-ply counter board applied with 2,000–4,000 pounds of pressure. Pressure range is dependent upon complexity of copy. Precision when cutting a counter requires less pressure and enhances the image.

FOIL STAMPING

We recommend the use of wax-free litho inks when combining offset lithography and foil stamping to ensure the best results and the maximum adhesion of foil to ink. For best results, stamp directly onto the paper.

THERMOGRAPHY

No special considerations are needed.

NON-IMPACT PRINTING

OXFORD Writing is guaranteed for laser and ink-jet printing.

DIGITAL PRINTING

Our Universal Digital Finish is compatible with all digital presses. For more information on digital printing and presses, visit neenahpaper.com/digital

FOLDING / SCORING

A letterpress channel score parallel to the grain direction is recommended to ensure a smooth crease. Always pretest with heavier weight covers and double thick covers. Due to the nature of duplexed covers, we suggest not printing across scores or folds.

TRIMMING / DIE-CUTTING

A sharp blade will ensure a clean cut through the stock; a dull blade could tear the stock.

BINDING

Binding should be parallel to the grain direction to prevent moisture buckling and minimize wear on the crease.

View additional printing information at www.neenahpaper.com/printingtips