

moondream® 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

Fully oxidizing inks and small lifts are recommended. It is advisable to use a primer and to minimize the amount of water used during printing.

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

Text and Cover weights will emboss and deboss beautifully.

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.

TRANSPARENTIZING

In order to obtain the transparent effect, use the hot stamping technique at a temperature of 285–300°F with a pressure slightly higher than generally used for this type of conversion. Some fibers may migrate to the image area. Therefore, care should be taken to ensure that the die is kept clean at all times, in particular when fine text or details are involved.

THERMOGRAPHY

MOONDREAM Papers are not recommended for thermography.

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.

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