

plike® Papers Production Considerations

STORAGE / HANDLING

PLIKE is sensitive to humidity and should be stored in a dry place. Keep paper wrapped in original moisture proof barrier paper a minimum of 24 hours prior to processing and slightly longer during cold weather. Paper should be allowed to acclimate to pressroom conditions of 70°–75°F, with 50% relative humidity. We do not recommend stacking pallets of this paper.

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

Fan paper prior to printing. It is recommended to run in short lifts and stack no higher than 8" after printing.

UV printing is preferable. UV lamps may heat-up the paper surface and cause stickiness.

Traditional offset printing requires fully oxidizing inks and a drying agent is recommended. Run water at a minimum with a pH of 5–6. Use a 20/30 micron spray powder for two sided printing and 40/50 micron spray powder for single sided printing. This helps prevent set-off and allows oxygen to enter the stack. Spray nozzles should be tested to ensure even coverage. Drying times may be slightly longer. For heavy ink coverage, wait 24 hours between press runs.

Heavy coverage will affect the tactile feel of PLIKE, but not the performance. Re-wrap product in original moisture proof barrier paper between applications.

VARNISH

Low solvent (0-5%) varnish can be used as a surface protector. However, it will not enhance the appearance of PLIKE and in some cases it may alter the appearance. Pretesting is recommended.

AQUEOUS COATING

Aqueous coating may alter the effect of the PLIKE appearance. Pretesting is recommended.

EMBOSSING

Text and Cover weights, in all finishes 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

When foil stamping, remove any excess foil dust and particles. Slip sheeting the final pieces at every stage is recommended.

THERMOGRAPHY

No special considerations are needed.

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

Loose shrink wrap when required, is recommended. Pretest binding glues.

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