



STOP! Do not toss aside until you read the important information below.

CONVENTIONAL OFFSET PRINT TIPS **Printing on synthetic stocks**

Synthetic inks are designed to print on synthetic films, such as vinyl, polyester, polypropylene and other non-porous printing surfaces. These specially formulated inks require cautious handling to achieve the best results.

- ◆ Use only fast drying oxidizing inks.
- ◆ Use a minimum amount of ink and fountain solution. More fountain solution will require more ink to achieve good coverage and dark print.
- ◆ Some ink manufacturers recommend a 0.4 mil ink thickness on the form roller; and just enough fountain solution to keep the print clean.
- ◆ Do **not** use fountain solutions that contain glycol, glycerin or citric acid.
- ◆ **Keep pH level between 4.5 to 5.5.**
- ◆ **Work closely with your ink supplier.** Always pretest on the actual substrate or submit samples along with run length, color sequence and press type to your ink supplier.

Note: For UV Ink Systems – Contact your ink supplier.

To avoid ink set-off and blocking when printing films, we recommend a jar/press setting of .6/50 to .8/75 using a 25 to 35 micron particle size anti set-off spray. Using larger particle sizes may shorten drying time.

Guillotine Trimming

- ◆ Keep lifts at a minimum – 1" maximum.
- ◆ Cut through the back of the stock with the face side down.
- ◆ Insure blade is sharp. Wipe with silicone to prevent adhesive build-up.
- ◆ Use minimum clamp pressure.

Recommended Ink Suppliers:

INX International Ink Co
5215 Manchester Ave
St Louis, MO 63110
(314) 647-4850

VanSon Holland Ink Corp of America
185 Oval Dr
Islandia, NY 11749
(631) 715-7000

Braden Sutphin Ink Co
3650 East 93rd St
Cleveland, OH 44105
(216) 271-2300

Kennedy Ink Co
5230 Wooster Rd
Cincinnati, OH 45226
(513) 871-2515

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