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## SYNTHETIC STOCK

SYNTHETIC STOCK inks are designed to print on synthetic (plastic) papers, such as Kimdura, Tyvek, and other non-porous printing surfaces that require specially formulated inks. Printing on these types of stocks also requires cautious handling procedures in order to achieve the desired results.

### SYNTHETIC STOCK INKS

- are 100% non-volatile
- have excellent press stability and transfer qualities
- dry to a super hard finish with exceptional scuff resistance
- will not swell nor distort solvent sensitive stocks
- are press ready - additives are rarely necessary (Do NOT use tack reducers that contain solvent)
- have a tack of 19 @ 1200 rpm

### PRINTING TECHNIQUES & HANDLING PROCEDURES

#### **ALWAYS PRE-TEST ON ACTUAL SUBSTRATE**

- Use a minimum amount of ink & fountain solution. A 0.4 mil thickness of ink on the form roller is recommended; and use just enough fountain solution to keep the print clean
- Do NOT use any fountain solutions that contain glycerine or citric acid.
- Always use aluminum or metal plates.
- Keep the pH as high as possible - 4.5 to 5.5 is usually satisfactory
- A 25 to 35 micron size anti-set-off spray should be used at the press delivery.
- Lifts should be kept as small as possible in order to facilitate drying and help prevent offsetting.
- The addition of Grafo Drier Extra, 761X1016, may be helpful as an aid to drying.
- Synthetic Stock Inks skin very quickly and should NOT be left on the press for more than two hours without running.

Due to variations in stocks and other variables inherent in the printing process, which are beyond the control of the ink maker, we cannot assume any responsibility for the final outcome of the printed job.

PLEASE CALL OUR TOLL FREE NUMBER FOR MORE INFORMATION  
1-800-BUY-N-USA (1-800-289-6872)

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