



The Lazer range of inks was especially formulated for the flexo printing of PVC shrink film on the slower narrow web printers. This ink system reduced with suitable reducers can be used for both process and general line work.

Properties

- Low solvent retention
- Good adhesion
- High gloss
- Heat resistance of 140°C @ 40 PSI 0.5 sec dwell time

Substrates

- PVdC coated cellulose film
- PVdC coated polyester
- Washed Foils
- Paper
- PVC shrink & twist film

Reduction

SLOW: Special slow reducer blend
NORMAL: 9:1 Dowanol: Butyl Acetate
FAST: 1:1:1 Meths: Dowanol: N.P Acetate

The special reducer is used to retard this ink.

Viscosity

Supply viscosity 40 to 45 seconds Zahn #2 @ 25°C
Print viscosity 28 to 32 seconds Zahn #2 @ 25°C

Wash up

Dowanol: Ester Blends

Colour Range

A full spectrum of colour pigments are available in the Lazer Range, which may only be limited by selection for specific applications. They are of reasonable light fastness but may not be suitable for extended exposure to direct sunlight. If requirements for more resistant pigments are needed, these should be stated at the time of ordering.

BCF

These inks have been formulated in accordance with the recommendation of the British Coatings Federation.

Waste disposal

Care should be exercised in the disposal of printing ink waste. This should be carried out in accordance with good industrial practice observing all the appropriate regulations including the relevant guideline notes to the Environment Conservation Act and Regulations (73/1989).

Health and Safety

Full details appear on the Material Safety Data Sheets

The information outlined in this data sheet is given in good faith but does not constitute a guarantee. Since conditions of handling and application are beyond our control, the converter should assure himself of the suitability of the product for the particular end use. It is recommended that advice be taken from Hi-Tech Inks' Technical Department for all new applications and it is preferable for trials to be carried out before full production runs are commenced.