



Visual Communication Technology

INXFlex™ UV STA

UV Flexographic Inks for Label Substrates and Narrow Web Applications

INXFlex™ UV STA inks have been formulated to provide minimal plate swell for flexographic printing on most tag & label, pressure sensitive, as well as in-mold label applications.

INXFlex UV STA inks **ARE NOT** formulated for the printing of foodstuff packaging

INXFlex UV STA can be used ONLY if final printed article is designed to ensure functional barrier properties.

INXFlex UV STA Product features:

- Minimal plate swells in regard to all plate making technologies including digital and fast curing photopolymers
- Good pigmentation
- Low viscosity
- Good rheology providing excellent ink duct behaviour
- Cure with press speeds up to 150 m/min (dependent on lamp intensity)
- Good adhesion to a wide variety of synthetic substrates¹
- Compatible for combination printing (hot foil stamping, rotary screen)
- Excellent hold out and gloss on paper stocks

Designation:

Process Yellow	1574542
Process Magenta	1574544
Process Cyan	1574545
Process Black	1574546

Substrates¹:

Paper, PE, PP, PVC

¹Adhesion should always be checked when printing on substrates prior to use

Cure speed:

Adequate UV curing is required for this system. Cure speeds will be dependent upon film thickness, substrates and the type/condition of the UV curing equipment

Viscosity:

300-600 cP à 25°C

Measured with a Brookfield CAP Viscometer, spindle #4 at 900 rpm

Anilox range:

Process Work 350-450 l/cm,
2.0-4.5 cm³/m²

Storage & Shelf life:

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided.
- For maximum shelf life (12 months from date of manufacture), closed containers should not be stored at temperatures in excess of 25°C.
- Surplus ink from duct should never be returned to original containers.

Packaging:

- 5 kg pails

Safety and Handling:

Please refer to SDS for safety, handling and waste disposal information

For more information, please contact:

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