



FLEXOCURE Σ TM

A MODERN UV FLEXO INK WITH EXCELLENT RHEOLOGY, SUPERB PRINT AND PRESS PERFORMANCE SUITABLE FOR MOST LABEL SUBSTRATES AND NARROW WEB APPLICATIONS

FLEXOCURE Σ TM has:

- Excellent colour strength
- High printing speed
- Adhesion to a wide range of materials
- Excellent printability and dot reproduction
- Minimum dot gain and plate swell
- Excellent rheology and good ink duct behaviour
- Excellent hold out on absorbent papers
- Excellent gloss

FLEXOCURE Σ TM

can be used in all flexographic print units provided the ink is cured (expose to UV light). Flexocure Σ TM can be used with negative doctorblade as well as in a chambered doctorblade system.

Suitable for a wide variety of applications:

- Self adhesive labels (coated & uncoated papers, cast coated papers, TC thermal papers, PE, PP and top coated PE & PP)
- Tickets/tags/boards
- Wrap around labels (BOPP)

This ink can be hot foil blocked, used in direct thermal printing, laser overprinted, thermal transfer overprinted and used in combination with UV screen inks (additive needed).

Properties

- Enhanced colour consistency and excellent gloss
- No plate swell
- Great dot sharpness, minimal dot gain and high quality results on four colour process, vignettes as well as fine line and text work
- VOC free and user friendly raw materials
- Excellent rheology
- Excellent hold out on paper combined with good adhesion

Benefits

- Improved print result and profitability
- Consistent high print quality
- Best print quality obtainable with UV flexo
- Environmentally friendly
- Easy to handle, no ink spitting, good ink duct behaviour
- Lower inventory as ink is suitable for machine coated paper as well as synthetic substrates

Availability

- Full range of Pantone® basic colours
- 4 colour process set
- High definition process set

The information contained in this brief product presentation is based on the long experience of XSYS and on internal standardised tests. It is not to be interpreted as a warranty or guarantee in any form as conditions beyond our control can affect the quality of the printing. If there is any doubt, the user should always make every effort to ensure that the products used are appropriate for the purpose.

- very suitable
- suitable
- usable

| FLEXOCURE Σ™ | |
|--|----------------|
| Printing speed | 80 - 150 m/min |
| Mileage* cm ³ /m ² | |
| Process strong | 2 - 3 |
| Process | 3 - 4 |
| Solids | 5 - 10 |
| Printability | |
| Process | ••• |
| Solids | ••• |
| Material suitability | |
| Paper | ••• |
| TC thermal papers | •• |
| TC filmic substrates | ••• |
| Filmic substrates | ••• |
| VOC content | 0 % |
| Resistance properties | |
| Chemical | •• |
| Water | ••• |
| Solvent | •• |
| Combination printing | |
| UV flexo | ••• |
| UV screen | ••• |
| UV offset | •• |
| UV letterpress | •• |
| Water-based flexo | •• |
| UV flexo varnish | ••• |
| Variable info printing | |
| Thermal overprinting | ••• |
| Thermal transfer | •• |
| Hot foil | ••• |
| Cold foil | ••• |
| Laser overprinting | ••• |
| Ink jet overprinting | •• |
| Lamination with | |
| Radical adhesive | ••• |

*Mileage is expressed in theoretical volume of anilox roller to obtain process density or to match Pantone® shades.

For more details on Flexocure Σ™,
call your nearest XSYS office or dealer.

XSYS Print Solutions

XSYS Print Solutions, P.O. Box 1003, SE-231 25 Trelleborg, Sweden
Phone +46 410 59 200, Fax +46 410 416 30
www.xsys-printsolutions.com

