



FLEXOCURE Σ TM

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

FLEXOCURE Σ TM has:

- Excellent color strength
- High printing speed
- Adhesion to a wide range of materials
- Excellent printability and dot reproduction
- Minimum dot gain
- Excellent rheology and good ink duct behavior
- 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, polyethylene, TC polyethylene, TC polypropylene)
- In-mold labels (polypropylene)
- Tickets/tags/boards
- Wrap around labels (BOPP, paper)

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

Properties

- Enhanced color consistency and excellent gloss
- Great dot sharpness, minimal dot gain and high quality results on four color 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
- Best print quality obtainable with UV flexo
- Environmentally friendly
- Easy to handle, no ink spitting, good ink duct behavior
- Lower inventory as ink is suitable for machine coated paper as well as synthetic substrates

Availability

- Full range of Pantone® basic colors
- 4 color process set

The information contained in this brief product presentation is based on the long experience of Flint Group Narrow Web 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	Up to 450 feet/min
Mileage* bcm	
Process strong	1,25 - 2,0
Process	2.0 - 3,0
Solids	2,0 - 3,5
Printability	
Process	•••
Solids	•••
Material suitability	
Paper	•••
TC filmic substrates	•••
Filmic substrates	••
Solvent 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 transfer	••
Hot foil	•••
Cold foil	•••
Laser overprinting	•••
Ink jet overprinting	••
Lamination with	
Radical adhesive	•••
Cationic adhesive	••

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

For more details on Flexocure Σ™,
call your nearest Flint Group Narrow Web office or dealer.

Flint Group Narrow Web

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