

Flexocure Σ IITM

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



Flexocure Σ IITM

can be used in all flexographic print units provided the ink is cured (exposed to UV light).

Flexocure Σ IITM can be used with negative doctor blade as well as in a chambered doctor blade 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	BENEFITS
• Enhanced colour consistency and excellent gloss	• Improved print result and profitability
• Minimum plate swell	• Consistent high print quality
• Great dot sharpness, minimal dot gain and brilliant for line and text work	• Very good print quality
• VOC free and user-friendly raw materials	• Environmentally friendly
• Excellent rheology	• Easy to handle, no ink spitting, good ink duct behavior
• Excellent hold out on paper combined with excellent adhesion	• Lower inventory as ink is suitable for machine coated paper as well as synthetic substrates

Flexocure Σ II™

Availability

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

The information contained in this brief product presentation is based on 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 II™ OFFERS:

- 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 II™	
Printing speed	Up to 150 m/min
Mileage* cm³/m²	
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	•••
Cationic 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 II™, call your nearest Flint Group Narrow Web office or dealer.

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