FlintGroup Narrow Web

Rely on us.℠

Flexocure FORCE™

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

Flexocure FORCE™

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

Flexocure FORCE™ 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 ink transfer	• Improved colour strength and profitability No density drop
• Minimum plate swell	• Consistent high print quality
• Great dot sharpness, minimal dot gain and brilliant for fine line and text work	• Best print quality obtainable with UV flexo
• TTR and hot foil overprintable	• Can be used for all types of labels
• Excellent rheology	• Easy to handle, no ink spitting, good ink duct behaviour
• Excellent hold out on paper combined with excellent adhesion and flow out to a wide range of synthetic substrates	• Lower inventory as ink is suitable for all types of substrates, universal ink

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Availability

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

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 FORCE™ OFFERS:

- Outstanding colour strength
- High printing speed
- Adhesion to a wide range of materials
- Excellent printability and dot reproduction
- No foaming and very good runability
- Minimum dot gain and plate swell
- Excellent rheology and good ink duct behaviour
- Excellent hold out on absorbent papers
- Excellent gloss

FLEXOCURE FORCE™	
Printing speed	80 - 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 FORCE™, call your nearest Flint Group Narrow Web office or dealer.

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