

# 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 color 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 behavior
• 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

# Flexocure FORCE™

## Availability

- Full range of Pantone® basic colors
- 4 color 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 color 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 behavior
- Excellent hold out on absorbent papers
- Excellent gloss

FLEXOCURE FORCE™	
<b>Printing speed</b>	100 - 500 ft/min
<b>Mileage*</b>	
Process	1.25 - 1.50 BCM
Solids	2.5 - 4.0 BCM
<b>Printability</b>	
Process	•••
Solids	•••
<b>Material suitability</b>	
Paper	•••
TC thermal papers	••
TC filmic substrates	•••
Filmic substrates	•••
<b>VOC content</b>	0 %
<b>Resistance properties</b>	
Chemical	••
Water	•••
Solvent	••
<b>Combination printing</b>	
UV Flexo	•••
UV Screen	•••
UV Offset	•••
UV Letterpress	•••
Water-based flexo	••
UV Flexo varnish	•••
<b>Variable info printing</b>	
Thermal overprinting	•••
Thermal transfer	•••
Hot foil	•••
Cold foil	•••
Laser overprinting	•••
Ink jet overprinting	••
<b>Lamination with</b>	
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.

**Flint Group Narrow Web**  
15500 28th Avenue North,  
Plymouth, MN 55447, USA  
www.flintgrp.com

T +1 763 559 5911  
Toll Free in the U.S. (800) 328 7838  
F +1 763 559 0243  
info.narrowweb@flintgrp.com

The aim of our technical documents is to inform our customers about general values. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that this advice document cannot be used as the basis for claims in law. Furthermore, the correct application for each product has to be checked carefully for suitability. For application details refer to Technical Data Sheet.

Product names followed by ® are trademarks registered by Flint Group Incorporated.