



Flexocure[®] ANCORA[™] 50 B3

A UV FLEXO INK FOR FOOD CONTACT MATERIAL APPLICATIONS WITH SUPERB PRESS PERFORMANCE AND ADHESION FOR FOOD LABELS AND CERTAIN PACKAGING APPLICATIONS



Flexocure ANCORA[™] 50 B3

is suitable for labels and certain flexible packaging applications where specific demands for low migration are required.

It can be used in all Narrow & Mid Web flexographic print units provided the ink is cured (exposed to UV light). Flexocure ANCORA 50 B3 can also be used with reverse angle doctor blades as well as chambered doctor blades.

Suitable for a wide variety of applications

- Self adhesive labels (coated & uncoated papers, PE, top coated PE & PP, PP, cast coated papers and PVC)
- Wrap around labels
- In-mould labels (BOPP)
- Unsupported film applications
- Sleeves

PROPERTIES	BENEFITS
<ul style="list-style-type: none"> • Very low migration 	<ul style="list-style-type: none"> • Possibility to use UV Flexo in various food packaging and label applications where specific low migration is required. Developed for targeted food simulants. <ul style="list-style-type: none"> - Food simulant E: Tenax (MPP0) - Food simulant B: 3% Acetic acid - Food simulant D1: 50% Ethanol
<ul style="list-style-type: none"> • Excellent rheology and low viscosity 	<ul style="list-style-type: none"> • Easy to handle, very good ink duct behaviour, no hanging back
<ul style="list-style-type: none"> • Complies with Nestlé Guidance Note for Packaging inks and with the Swiss Ordinance list 	<ul style="list-style-type: none"> • Meets stringent demands of food packaging applications
<ul style="list-style-type: none"> • Excellent curing properties 	<ul style="list-style-type: none"> • Improved productivity as high speed printing is possible
<ul style="list-style-type: none"> • Minimum plate swell 	<ul style="list-style-type: none"> • Consistent high print quality
<ul style="list-style-type: none"> • Excellent dot sharpness, minimal dot gain and suitable for line, text and halftone work 	<ul style="list-style-type: none"> • Best print quality obtainable with UV flexo
<ul style="list-style-type: none"> • Excellent adhesion to synthetic substrates and good printability 	<ul style="list-style-type: none"> • Lower inventory as one ink suits a wide range of materials

Flexocure® ANCORA™ 50 B3

Availability

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

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

-* not yet tested

FLEXOCURE ANCORA™ 50 B3 OFFERS:

- Very low migration for targeted simulants
- Adhesion to a wide range of materials
- High printing speed
- Very good colour strength
- Low viscosity and good ink duct behaviour
- Excellent printability and dot reproduction
- Minimal plate swell
- Very good chemical resistance properties

FLEXOCURE ANCORA 50 B3	
Printing speed up to	150 m/min
Mileage ⁱ cm ³ /m ²	
Process	3 - 4
Solids	5 - 10
Printability	
Process	•••
Solids	•••
Material suitability	
Paper	••
Thermal substrates	•••
Plastic substrates	•••
Resistance properties	
Chemical	•••
Water	•••
Solvent	•••
Application suitabilityⁱⁱ	
PS labels	•••
Wrap around labels	•••
In-mould labels	•••
Yoghurt lids	•••
Sachets/Pouches	•••
Shrink Sleeves	••
Folding Carton	•••
Flexible Packaging	••
Variable information printing	
Direct Thermal	••
Thermal transfer	•••
Ink jet overprinting	-*
Lamination with	
Low migration radical adhesive	•••

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

ⁱⁱ If used for food packaging it is the responsibility of the person placing the package on the market to ensure compliance with legal requirements.

For more details on Flexocure ANCORA™ 50 B3, call your nearest Flint Group Narrow Web office or dealer.

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