

Flexocure XS™

UV FLEXO INK FOR SHRINK SLEEVES WITH MAXIMUM ABILITY TO SHRINK ON A WIDE RANGE OF SHRINK SLEEVE FILMS WITHOUT ANY NEED FOR PRIMERS AND OVERPRINT VARNISHES



Flexocure XS™

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

Flexocure XS™ can be used with negative doctor blade as well as in a chambered doctor blade system.

Suitable for a wide variety of shrink applications

- Shrink Sleeves (PVC, PET, PET-G, OPS, OPP, TMPOPS)
- Wrap around labels (BOPP, OPP)

This ink can be hot foil blocked, thermal transfer overprinted and used in combination with UV screen inks.

PROPERTIES	BENEFITS
<ul style="list-style-type: none"> • Excellent ability to shrink, more than 70% with no deterioration of printed image 	<ul style="list-style-type: none"> • High degree of flexibility allows it to be used on a very wide range of bottle designs using shrink sleeve technology
<ul style="list-style-type: none"> • Excellent adhesion to all types of sleeve material 	<ul style="list-style-type: none"> • Improved profit as no primer is needed; Reduced down time; one ink for all substrates
<ul style="list-style-type: none"> • Excellent scuff and scratch resistance 	<ul style="list-style-type: none"> • Improved profitability as no varnish is needed
<ul style="list-style-type: none"> • Great dot sharpness, minimal dot gain and high quality results on four colour process, vignettes as well as fine line and text work 	<ul style="list-style-type: none"> • Best print quality obtainable with UV Flexo
<ul style="list-style-type: none"> • VOC free and user-friendly raw materials 	<ul style="list-style-type: none"> • Environmentally friendly
<ul style="list-style-type: none"> • Excellent rheology 	<ul style="list-style-type: none"> • Easy to handle, no ink spitting, good ink duct behaviour
<ul style="list-style-type: none"> • Enhanced color consistency and excellent gloss 	<ul style="list-style-type: none"> • Improved print result and profitability

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Availability

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

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 XS™ OFFERS:

- Excellent flexibility - able to shrink more than 70%
- Excellent adhesion to PVC, PET, PET-G, OPS, OPP
- Optimised for reverse printing
- Excellent printability and dot reproduction
- Excellent gloss and opacity (Opaque White)
- Very high colour strength
- Very high printing speed
- Excellent ink duct behaviour, easy to use
- Minimum plate swell

FLEXOCURE XS™	
Printing speed	80 - 150 m/min
Mileage*	
Process	3,0 - 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 XS™, call your nearest Flint Group Narrow Web office or dealer.

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