

EkoCure[®] XS

A UV LED CURABLE FLEXO INK TECHNOLOGY FOR SHRINK SLEEVE APPLICATION WITH MAXIMUM ABILITY TO SHRINK ON A WIDE RANGE OF SHRINK SLEEVE FILMS WITHOUT ANY NEED FOR PRIMERS



EkoCure[®] XS

The new EkoCure XS system is a LED dual cure system designed for shrink applications, with excellent adhesion, print quality, color strength, shrink ability and curing speeds.

Suitable for a wide variety of applications

- Shrink Sleeves (PVC, PET-G, OPS, PLA)

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

EkoCure® XS

Availability

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

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

EkoCure® XS

- Excellent flexibility - able to shrink more than 70%
- Excellent adhesion to PVC, PET-G, OPS, PLA
- Very high opacity and whiteness
- Very high printing speed
- Excellent printability
- Minimum plate swell
- Excellent ink duct behavior, easy to use

EkoCure® XS	
Printability	
Process	• • •
Solids	• • •
Material suitability	
PVC	• • •
PETG	• • •
OPS	• • •
Other shrink films	• • •
Resistance properties	
Chemical	• • •
Water	• • •
Combination printing	
UV and LED Flexo	• • •
UV and LED	• • •

EkoCure® is developed using specially selected raw materials that match the narrow and targeted wavelength area that is typical for UV LED lamp output. The main advantages with UV LED can be summarized as economical and ecological:

- **Economical benefits** – energy consumption will be significantly reduced; quality assuredness brings increased productivity and press uptime; manufacturing space is increased; UV LED lamps are nearly maintenance free; no mercury bulb replacement and disposal costs; expanded capability to run heat sensitive materials with less heat management costs.
- **Ecological benefits** – energy will be saved; UV LED lamps are ozone and mercury free (improved worker and environmental safety).

With this innovative technology Flint Group is offering a solution that will improve the impact the printing industry has on the environment and also providing a cost saving benefit. Flint Group continues to show its position as a **Product Leader!**

For more details on EkoCure® XS Ink System, call your nearest Flint Group Narrow Web office or dealer.

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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.

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