



EkoCure[®] ANCORA

An outstanding dual cure ink for food contact material applications with superb press performance and adhesion

Ekocure[®] ANCORA

- Is recommended for stringent demands in food labels and flexible packaging applications
- Can be used in all narrow & mid web flexographic print units provided the ink is UV cured
- Exposed to either LED or conventional light (dual cure)

Suitable for a variety of applications

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



Properties	Benefits
Food contact material with migration data for dual cure, both LED and mercury lamps	Possibility to use UV flexo in various stringent food packaging and label applications where low migration is required
Cures with UV LED lamp technology	Lower energy costs; low maintenance; no ozone and no mercury waste; low heat process enables capability to run heat sensitive films
Dual cures with conventional lamp technology	Allows a switch one lamp at a time to LED
Excellent rheology and low viscosity	Easy to handle, very good ink duct behaviour, no hanging back
Complies with Swiss Ordinance list	Meets the most stringent demands of food packaging applications
Outstanding curing properties	Improved productivity as high speed printing is possible. In average 25% increase in speed with LED curing
Minimum plate swell and good printability	Consistent high print quality
Excellent dot sharpness, minimal dot gain and suitable for line, text and halftone work	Best print quality obtainable with UV flexo
Excellent adhesion to synthetic substrates	Lower inventory not only as one ink suits a wide range of material, but also as dual cure; one ink can be used both on traditional mercury lamp systems and on updated LED systems



EkoCure® ANCORA

Availability

- Full range of Pantone® basic colours
- 4 colour process set
- Opaque White
- Metallic gold and silver
- Full range overprint varnishes
- High resistance light fast colours

EkoCure LED Technology Delivered Economical and Sustainable Benefits

EkoCure® ANCORA is developed using specially selected raw materials that match the narrow and targeted wavelength area that is typical for UV LED lamp output, but can also produce superb results with traditional lamps for example during a transition period.

The Facts...	The Benefits...
UV LED lamps require significantly less energy	Estimated 60% reduction of energy costs & lower operating costs
Large ventilation systems are eliminated and the UV LED curing unit & power supply are smaller and more compact	Manufacturing space is reduced and energy is saved
UV LED lamps produce less heat	Lower hear emission - lights do not need to warm up or cool down; offers ability to run heat sensitive films on a press with little heat management
UV LED lamps are ozone and mercury free	Safe working conditions, environmental friendly and improved air quality
UV LED Lamps have approximate 20,000 hour life, compared to 2,000 hour life of a standard bulb	Printers can save time and money not replacing standard mercury vapour bulbs. Dual cure allows for switch one lamps at a time
UV LED offers consistent UV output	LED does not degrade quickly like mercury lamps - affecting cure speed and productivity
UV LED lamps are very low maintenance	No need to clean reflectors and no bulb replacement - increasing press UPTIME

EkoCure® ANCORA delivers reliable quality suitable for stringent food and packaging applications:

- Formulated in accordance with EuPIA Exclusion Criteria
- Formulated in such a way as to minimize both potential migration through the substrate and set - off from the printed outer side to the food surface in the stack or the reel
- Packaging inks are manufactured in accordance with EuPIA Good Manufacturing Practices and Nestlé 2018 guidance note

The ultimate verification of compliance can only be done on the finishes printed and or varnished food package. The manufacturer of the final article has the legal responsibility to ensure that is is fit for the intended purpose as food packaging. Data on migration should always be obtained be a practical migration test, done by the converter and the packer/filler of the individual printed packaging material and article in its finished state, taking into account normal and foreseeable conditions of use. Provided that the packaging inks are correctly processed and that the food packaging is designed in a way that there is no direct food contact with the print, this will allow compliance of the final product with existing legal provisions.

We bring **colour** to the world



For more details on EkoCure® ANCORA, contact your nearest Flint Group Packaging Solutions office.

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