



# Lithocure® ANCORA™

UV ROTARY OFFSET INK SYSTEM FOR FOOD CONTACT MATERIAL (FCM) APPLICATIONS WITH OUTSTANDING PRINT AND PRESS PERFORMANCE SUITABLE FOR STRINGENT DEMANDS IN FOOD LABELS AND FLEXIBLE PACKAGING APPLICATIONS



## Lithocure® ANCORA™

- is designed to be used in narrow web rotary offset but can also be used in UV rotary letterpress.
- is suitable for labels and packaging applications, demanding low migration at stringent level together with other attributes, good cure speed and adhesion.

### Suitable for a wide variety of substrates and applications

- Self adhesive labels (PE, PVC, top coated PP & PE, coated and uncoated papers, PP and cast coated papers)
- In-mould labels (PE)
- Synthetic wrap around labels (PE and PP)
- Tickets/tags/boards
- Folding cartons

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.

| PROPERTIES  | BENEFITS  |
|---|---|
| <ul style="list-style-type: none"> <li>• Very low migration</li> </ul>  | <ul style="list-style-type: none"> <li>• Possibility to use UV Offset in various food packaging and label applications where stringent low migration is required. Developed for targeted food simulant. - Food simulant: 95% Ethanol</li> </ul> |
| <ul style="list-style-type: none"> <li>• Enhanced colour consistency and excellent mileage</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Improved print result and profitability</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Complies with Nestlé Guidance Note for Packaging inks and with the Swiss Ordinance list</li> </ul> | <ul style="list-style-type: none"> <li>• Meets stringent demands of food packaging applications</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Outstanding lithographic properties</li> </ul>   | <ul style="list-style-type: none"> <li>• Consistent high print quality throughout press run and reduced waste during set up</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Wider operating window</li> </ul>  | <ul style="list-style-type: none"> <li>• Great press performance and user friendly</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Universal ink with very good adhesion properties to a wide range of materials</li> </ul>           | <ul style="list-style-type: none"> <li>• Reduced inventory - one ink for all offset work</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Superb print quality also at high printing speed</li> </ul>  | <ul style="list-style-type: none"> <li>• Consistent high print quality</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Very good curing properties</li> </ul>   | <ul style="list-style-type: none"> <li>• Improved productivity</li> </ul>   |

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## Availability

- Full range of mono-pigment basic shades
- 4 colour process set
- Opaque white
- Full range High Resistant basic colours

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
- x not yet tested

## LITHOCURE® ANCORA™ OFFERS:

- Very low migration
- Excellent colour strength
- Very good curing properties
- Superb print quality also at high printing speed
- Outstanding lithographic properties
- Optimized to work on narrow web offset press
- Adhesion to a wide range of synthetic materials

| LITHOCURE® ANCORA™               |           |
|----------------------------------|-----------|
| Printing speed up to             | 150 m/min |
| Mileage* g/m <sup>2</sup>        |           |
| Process                          | 0,6 - 1,0 |
| Solids                           | 1,2 - 1,8 |
| <b>Printability</b>              |           |
| Process                          | •••       |
| Solids                           | •••       |
| <b>Lithographic properties</b>   | •••       |
| <b>Material suitability</b>      |           |
| Paper                            | •••       |
| TC thermal papers                | •         |
| TC filmic substrates             | •••       |
| Filmic substrates                | •••       |
| <b>Resistance properties</b>     |           |
| Chemical                         | ••        |
| Water                            | •••       |
| Solvent                          | ••        |
| <b>Application Suitability**</b> |           |
| PS Labels                        | •••       |
| Wrap Around Labels               | - x       |
| In-mound Labels                  | - x       |
| Yogurt lids                      | •••       |
| Sachet/Pouches                   | - x       |
| Shrink Sleeves                   | - x       |
| Folding Carton                   | •••       |
| Flexible Packaging               | ••        |
| <b>Variable info printing</b>    |           |
| Thermal overprinting             | •••       |
| Thermal transfer                 | •••       |
| Hot foil                         | •••       |
| Cold foil radical                | •••       |
| Laser overprinting               | •••       |
| Ink jet overprinting             | ••        |
| <b>Lamination with</b>           |           |
| Radical adhesive                 | •••       |
| Cationic adhesive                | ••        |

\*Amount of ink in g/m<sup>2</sup> needed to obtain Pantone® shade or process density.  
 \*\*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 Lithocure® ANCORA™, call your nearest Flint Group Narrow Web office or dealer.

**Flint Group Narrow Web**  
 P.O. Box 1003,  
 SE-231 25 Trelleborg, Sweden  
 www.flintgrp.com

T +46 410 59 200  
 F +46 410 59 397  
 info.narrowweb@flintgrp.com

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