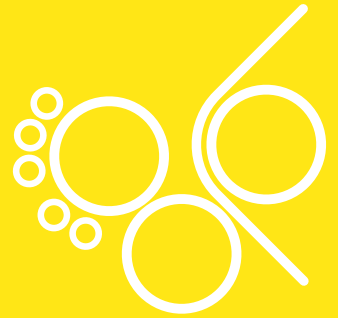


# Lithokett™

UV ROTARY OFFSET INK SYSTEM WITH SUPERB PRINT AND PRESS PERFORMANCE SUITABLE FOR MOST LABEL SUBSTRATES AND NARROW WEB APPLICATIONS



## Lithokett™

Lithokett™ is designed to be used in narrow web rotary offset but can also be used in UV rotary letterpress.

### 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.

A UV coating is recommended on all label applications.

| PROPERTIES  | BENEFITS   |
|---|--|
| • Enhanced colour consistency and excellent mileage                             | • Improved print result and profitability  |
| • Outstanding lithographic properties   | • Consistent high print quality throughout press run and reduced waste during set up |
| • Wider operating window  | • Easy operatable and user-friendly  |
| • Universal ink with very good adhesion properties to a wide range of materials | • Reduced inventory - one ink for all offset work                                    |
| • Superb print quality also at high printing speed                              | • Consistent high print quality  |
| • Very good curing properties   | • Improved productivity  |

## Availability

- Full range of Pantone® basic colours (with exception of fanal pigments)
- 4 colour process set
- High Resistant Pantone® 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

### LITHOKETT™ OFFERS:

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

| LITHOKETT™                      |                  |
|---------------------------------|------------------|
| <b>Printing speed</b>           | Up to 500 ft/min |
| <b>Mileage* g/m<sup>2</sup></b> |                  |
| Process                         | 0.8 - 1.2        |
| Solids                          | 1.5 - 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>Combination printing</b>     |                  |
| UV Flexo                        | •••              |
| UV Screen                       | ••               |
| UV Offset                       | •••              |
| UV Letterpress                  | •••              |
| Water-based flexo               | •                |
| UV Flexo varnish                | •••              |
| <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.

For more details on Lithokett™, 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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