

# Hydrokett 2000™

A HIGH PERFORMANCE SUPERB PRINTABILITY WATER-BASED FLEXO INK WITH HIGH COLOUR STRENGTH FOR SELF ADHESIVE LABELS



## Hydrokett 2000™

can be used in all flexographic print units provided the ink is dried with hot air or IR dryers in combination with air stream blowing on web. Hydrokett 2000™ can be used with negative doctor blade as well as in a chambered doctor blade system.

### Suitable for a wide variety of applications

- Self adhesive labels (coated & uncoated papers, TC filmic substrate, PE, PVC and top coated PE & PP)
- Tags (carton boards)

This ink can be hot foil blocked and thermal transfer overprinted.

| PROPERTIES  | BENEFITS  |
|---|---|
| <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>• Very good press stability</li> </ul>   | <ul style="list-style-type: none"> <li>• Consistent high print quality and improved profitability due to reduced waste and press down time</li> </ul> |
| <ul style="list-style-type: none"> <li>• Great dot sharpness, minimal dot gain and high quality results on four colour process, vignettes as well as fine line and text work</li> </ul> | <ul style="list-style-type: none"> <li>• Best print quality obtainable with water-based flexo</li> </ul>  |
| <ul style="list-style-type: none"> <li>• High printing speed</li> </ul>   | <ul style="list-style-type: none"> <li>• Improved productivity</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Very low VOC content and user-friendly raw materials</li> </ul>  | <ul style="list-style-type: none"> <li>• Environmentally friendly</li> </ul>  |
| <ul style="list-style-type: none"> <li>• Lowest possible water-based ink</li> </ul>   | <ul style="list-style-type: none"> <li>• Possible to get into new applications, food labels and food packaging</li> </ul>                             |

# Hydrokett 2000™

## Availability

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

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
- not suitable

## HYDROKETT 2000™ OFFERS:

- Excellent colour strength
- Very good printability and dot reproduction
- Very good press stability
- High printing speed
- Adhesion to a wide range of materials

| HYDROKETT 2000™                              |                 |
|--|-----------------|
| <b>Printing speed</b>                        | Up to 150 m/min |
| <b>Mileage* cm<sup>3</sup>/m<sup>2</sup></b> |                 |
| Process                                      | 1,5 - 4         |
| Solids                                       | 5 - 12          |
| <b>Printability</b>                          |                 |
| Process                                      | •••             |
| Solids                                       | •••             |
| <b>Press stability</b>                       | •••             |
| <b>Material suitability</b>                  |                 |
| Paper  | •••             |
| TC thermal papers                            | •               |
| TC filmic substrates                         | ••              |
| Filmic substrates                            | •               |
| <b>VOC content</b>                           | < 5%            |
| <b>Resistance properties</b>                 |                 |
| Chemical                                     | ••              |
| Water  | •••             |
| Solvent                                      | •               |
| <b>Combination printing</b>                  |                 |
| UV Flexo                                     | ••              |
| 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                            | -               |

\*Mileage is expressed in theoretical volume of anilox roller to obtain process density or to match Pantone® shades.

For more details on Hydrokett 2000™, call your nearest Flint Group Narrow Web office or dealer.

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