



HYDROKETT 2000™

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

HYDROKETT 2000™ has:

- 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™

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. It can be used with negative doctorblade as well as in a chambered doctorblade system.

Suitable for a wide variety of applications:

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

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

Properties

- Enhanced colour consistency and excellent mileage
- Very good press stability
- Great dot sharpness, minimal dot gain and high quality results on four colour process, vignettes as well as fine line and text work
- High printing speed
- Very low VOC content and user friendly raw materials
- Lowest possible water-based ink

Benefits

- Improved print result and profitability
- Consistent high print quality
- Improved profitability due to reduced waste and press down time
- Best print quality obtainable with water-based flexo
- Improved productivity
- Environmentally friendly
- Possible to get into new applications, food labels and food packaging

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 the long experience of XSYS 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™	
Printing speed	Up to 150 m/min
Mileage* cm ³ /m ²	
Process	1,5 - 4
Solids	5 - 12
Printability	
Process	•••
Solids	•••
Press stability	•••
Material suitability	
Paper	•••
TC thermal papers	•
TC filmic substrates	••
Filmic substrates	•
VOC content	< 5%
Resistance properties	
Chemical	-
Water	•••
Solvent	-
Combination printing	
UV flexo	••
Water-based flexo	•••
UV letterpress	•
UV flexo varnish	•••
Variable info printing	
Thermal overprinting	•
Thermal transfer	•••
Hot foil	••
Cold foil radical	•
Laser overprinting	-
Ink jet overprinting	••
Lamination with	
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 XSYS office or dealer.

XSYS Print Solutions

P.O. Box 1003, SE-231 25 Trelleborg, Sweden
 Phone +46 410 59 200, Fax +46 410 416 30
www.xsys-printsolutions.com

