



HYDROKETT™ PRIME INK SYSTEM

A HIGH PERFORMANCE PRESS STABLE, WATER-BASED FLEXO INK FOR SELF ADHESIVE LABELS

HYDROKETT™ PRIME Ink System has:

- Outstanding color strength
- Superior printability and dot reproduction
- Low viscosity, low foaming
- Excellent press stability
- Excellent for high definition process printing
- Easy maintenance and clean up

HYDROKETT™ PRIME Ink System:

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. 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)
- Cartons (carton boards)
- Tags

Can be hot foil blocked and thermal transfer overprinted.

Properties

- Outstanding color strength and excellent mileage
- Excellent press stability
- Superior printability, great dot sharpness
- High printing speed
- User friendly raw materials
- Low odour - suitable for indirect food contact
- Easy maintenance and clean up

Benefits

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

Availability

- Full range of Pantone® basic colors
- 4 color process set

The information contained in this brief product presentation is based on the long experience of Flint Group Narrow Web and on internal standardized 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™ PRIME Ink System	
Printing speed	100 - 400 ft/min
Anilox Volume*	
Line & Solids Printing	2 - 3 bcm
Process Printing for Strong System	1-2 bcm
Printability	
Process	•••
Solids	•••
Press stability	•••
Material suitability	
Paper	•••
TC thermal papers	•
TC filmic substrates	•
Filmic substrates	-
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	••
Laser overprinting	•
Ink Jet overprinting	••
Lamination with	
Radical adhesive	•
Cationic adhesive	-

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



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

Flint Group Narrow Web

Flint Group Narrow Web, 15500 28th Avenue North, Plymouth, MN 55447, USA
 Phone (763) 559 5911, Toll Free in the U.S. (800) 328 7838, Fax (763) 559 0243
www.narrowweb.flintgrp.com