FlintGroup
Narrow Web

Rely on us.℠

Hydrokett™ ZEN

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

Hydrokett™ ZEN 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. Hydrokett™ ZEN 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, and many films)
- Cartons (carton boards)
- Tags
- In mold labels

Can be hot foil blocked and thermal transfer overprinted.

PROPERTIES	BENEFITS
• Excellent press stability and very low maintenance	• Consistent high print quality; Improved profitability due to reduced waste and press down time
• Good adhesion on many substrates	• Robust ink, lower inventory
• Superior printability, great dot sharpness	• Best print quality obtainable with water-based flexo; higher quality labels
• Outstanding colour strength and excellent mileage	• Improved print result and higher value
• High printing speed	• Improved productivity
• User-friendly raw materials	• Environmentally friendly
• Easy clean up	• Faster press change overs, higher productivity

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Availability

- Full range of Pantone® basic colours
- 4 colour process set
- Opaque white

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 quarantee 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™ ZEN OFFERS:

- Excellent press stability
- Superior printability and dot reproduction
- Outstanding colour strength
- Excellent for high definition process printing
- Low viscosity, low foaming
- Easy maintenance and clean up
- One ink system to print on a wide variety of substrates

HYDROKETT™ ZEN	
Printing Speed	200 - 500 ft/min
Anilox Volume*	
Line & Solids Printing	2 - 5 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	• •
UV Letterpress	• •
Water-based flexo	• • •
UV Flexo varnish	• • •
UV Screen	•
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.

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