Thermokett HR™

A ONE COMPONENT, HEAT RESISTANT WATER-BASED FLEXO INK FOR DIRECT THERMAL PRINTABLE SELF ADHESIVE LABELS

Thermokett HR™

can be used in all flexographic print units provided the ink is dried with hot air or IR dryers. Thermokett HR™ 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   (uncoated & topcoated thermal papers, coated & uncoated papers)
- Cash Receipts
- Tickets/Tags/Boards

Can be hot foil stamped, and imprinted with laser or thermal transfer. It is advised to test materials used for these applications. For specific materials that have been tested, please contact the Flint Group Narrow Web Technical Service team.

PROPERTIES	BENEFITS
• Excellent heat resistance and abrasion resistance	• No set-off in thermal printers; No excessive thermal head ware
• Excellent resistance to water and abrasion	• Can be used for labels exposed to severe conditions (i.e. moisture, etc.)
• Good adhesion to a wide range of materials	• Universal ink for a wide range of applications
• One component ink system	• Improved productivity as no press side cross-linkers are needed; Environmentally friendly

Thermokett HR™

Availability

- Full range of Pantone® basic colours
- 4 colour process set
- Ultra Fade-Resistant formulations

IMPORTANT: To gain improved adhesion on non-direct thermal applications, Foil Additive HAW00186 can be added under agitation.

Note: This modification will activate the direct thermal coating causing direct thermal paper to discolour.

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

THERMOKETT HR™ OFFERS:

- Excellent heat resistance
- Very good colour strength
- No need for crosslinker
- Very good water resistance properties
- Superior abrasion and scratch resistance
- Good adhesion

THERMOKETT HR™	
Printing speed	Up to 350 ft/min
Mileage*	
Process	1.0 - 3.0 BCM
Solids	2.0 - 5.0 BCM
Printability	
Process	• •
Solids	• • •
Material suitability	
Paper	• • •
TC thermal papers	• • •
TC filmic substrates	• •
Filmic substrates	•
Solvent content	< 3 %
Resistance properties	
Chemical	-
Water	• • •
Solvent	-
Combination printing	
UV Flexo	• •
UV Letterpress	• •
Water-based flexo	• • •
UV Flexo varnish	• • •
UV Screen	•
Variable info printing	
Direct Thermal Imageable	• • •
Thermal transfer	• • •
Hot foil	• •
Laser printable	• •
Ink jet receptive	• •

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

**For more details on Thermokett HR™ ,
call your nearest Flint Group Narrow Web office or dealer.**

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