

Thermokett TC™

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



Thermokett TC™

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. Thermokett TC™ 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 (top coated & uncoated thermal papers, PE, Primax, FasClear and a wide range of normal papers)
- Tickets/tags/boards

This ink can be hot foil blocked, used in direct thermal printing, laser overprinted and thermal transfer overprinted.

PROPERTIES	BENEFITS
<ul style="list-style-type: none"> • Excellent heat resistance and abrasion resistance 	<ul style="list-style-type: none"> • Minimal set-off in thermal printers • No excessive thermal headware
<ul style="list-style-type: none"> • Very resistant to water and abrasion 	<ul style="list-style-type: none"> • Can be used for labels exposed to severe conditions. Over-varnishing will further enhance the resistance
<ul style="list-style-type: none"> • Good adhesion to a wide range of materials 	<ul style="list-style-type: none"> • Universal ink for a wide range of applications
<ul style="list-style-type: none"> • One component ink system 	<ul style="list-style-type: none"> • Improved productivity as no press side crosslinkers are needed • Environmentally friendly

Thermokett TC™

Availability

- Full range of Pantone® Base colours

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

Thermokett TC™ OFFERS:

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

THERMOKETT TC™	
Printing speed	Up to 100 m/min
Mileage* cm³/m²	
Process	4 - 6
Solids	8 - 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	••
UV Letterpress	••
Water-based flexo	•••
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 Thermokett TC™, call your nearest Flint Group Narrow Web office or dealer.

Flint Group Narrow Web

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