



Technical Product Information

REVERSIBLE THERMOCHROMIC UV FLEXO INK 22000 SERIES

PRODUCT DESCRIPTION

UV Flexo Reversible Thermochromic Inks with Good Viscosity and Strength.

SUBSTRATES:

- Paper Board
- Label Stock
- Envelopes
- Films

PRODUCT CAPABILITY:

- Water Coatable
- UV Coatable

- Thermal Transfer Imprint
- Specialty Application

Note: Final use must always be evaluated and qualified prior to use.

TYPICAL PHYSICAL PROPERTIES

Viscosity at 75°F: Brookfield #4 spd/60 rpm <600cps**depending on formulation

Curing: 250 fpm for each 300 wpi lamp

PRIMARY PERFORMANCE PROPERTIES

- For use with anilox cell count (120-360) line screen. Around 10 BCM or higher preferred.
- May be run on higher line aniloxes (360-550 line screen) depending on desired color density and effect.
- Special non-reversible inks that will change from Red to Colorless (Clear) when subjected to activation temperature.
- Useful in applications for security or special effect promotional advertising.
- Thermochromics are not fade resistant, and have a Blue Wool Scale reading of less than 3
- Other temperature ranges and colors are available upon request.

STORAGE & HANDLING CONSIDERATIONS

Ink should be at room temperature prior to use.

Shelf Life is 3 Months in sealed container

Do not store in temperatures in Excess of 25°C / 77°F

Do not freeze

Information in this Product Data Sheet is compiled from our general experience and data obtained from various technical publications. While we believe that the information provided herein is accurate at the date hereof, no responsibility for its completeness or accuracy can be assumed. Tests are carried out under controlled laboratory conditions. Information is given in good faith, but without commitment as conditions vary in every case. The information is provided solely for consideration, investigation and verification by the user. We do not except any liability for any loss, damage or injury resulting from its use (except as required by law). Please refer to the Material Safety Data Sheet before using products to ensure safe handling.