

chameleon[®]

Liquid Crystal Inks and Coatings

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Specialist Colour Change
Inks Technology



Applications include:

- ◆ Interactive Packaging
- ◆ CD/DVD cases
- ◆ Direct Mail
- ◆ Collectible Cards/Stickers
- ◆ Promotional game cards
- ◆ Safety indicators
- ◆ Magazines, Brochures & Posters
- ◆ Wallcoverings/Furnishings/Clothing
- ◆ Body temp mapping
- ◆ Stress products
- ◆ Passion cards
- ◆ Mood Rings
- ◆ Thermometry

Chameleon[®] Liquid Crystal Inks and Coatings are highly reactive to temperature and change sharply at specified temperatures between 0°C and 90°C, revealing multiple colour changes reversibly as they are warmed or cooled.

The traditional presentation of the inks is against a black background where they reveal spectral colours when heated changing from Black through Red/Tan, Green, Blue and Violet back to black again as they go through their temperature profile although other colour backgrounds will influence and alter the resulting colours viewed.

Liquid crystal inks are mainly used for special colour changing effects, often tailored to react at body temperature when touched. LCR Hallcrest also produce highly accurate finished thermometers which are used in many applications from Fever Thermometers to monitoring Fridge Temperatures.

