

**Magazine inserts, media packaging, posters, DVD's, assorted specialty packaging and interactive t-shirts are a few of the many possibilities available using CTI's Screen Ink. If you don't see the effect listed here, give us a call anyway to see if we can create what you need.**

## THERMOCHROMIC INK:

These inks reversibly change color as their temperature changes. Our thermochromic inks all work the same way: below the activation temperature they are colored and above the activation temperature they are clear or lightly colored. As the ink cools, the original color returns.

### **Ink Formulations Offered:**

- UV Cure

**Our thermochromic inks can be modified to change at a variety of different temperatures.**

•**Low Temperature Ink:** Used for print media to be chilled in the refrigerator or other cold reaction  
*Examples:* Cold-temperature indicators, cold packaging, and other low temperature applications

•**Body Temperature Ink:** Designed to show color at normal room temperature and to disappear or change color when warmed up. This can be done by rubbing a finger or breathing warm air on the application.

*Examples:* Media Packaging, Direct mail pieces, stickers, labels where a unique interactive consumer experience is desired.

•**High Temperature Ink:** This formulation disappears or changes color when heated up.

*Examples:* Great safety feature on labels for microwaveable products and hot beverages

Standard Temperatures: 8, 12, 15 C, 31 C (body-heat activated), and 45 C

Custom Temperatures (upon request): between -5 C and 65 C

## PHOTOCHROMIC TEXTILE INKS:

These inks are invisible until they come into contact with UV light, like sunlight. When photochromic ink is exposed to UV light, it blooms into color. This special ink is great for promotional t-shirts as photochromic messaging is highlighted as a consumer goes outdoors.

### **Ink Formulations Offered:**

- Plastisol Based
- PVC-Free Textile

## GLOW IN THE DARK TEXTILE INKS:

Glow-in-the-dark (GID) ink is often used to bring a unique look to artwork. Once charged with indoor or outdoor lighting, this ink will glow when taken into a dark environment. This is an excellent effect year round, but is especially effective during Halloween and Christmas and for use in brands where an extreme and interactive effect is desired.

### **Ink Formulations Offered:**

- UV Cure
- Plastisol Based