

Two-piece and three-piece metal cans may be printed using CTI's Metal Decorating Ink. If you don't see the special-effect you are looking for, give us a call anyway to see if we can create what you need.

THERMOCHROMIC INK ON TWO PIECE CANS:

Our inks work on traditional metal decorating 2 piece decorators including varnished and NoVar can applications. In the past, these applications typically have used two hits of ink, which would mean there needed to be two inkers available on the decorator. We are now proud to say most can printers only apply one hit to achieve this same color intensity. We know from various clients around the globe that this effect generates buzz and renewed excitement around a brand.

THERMOCHROMIC INK ON THREE PIECE CANS:

Our 3 piece metal deco inks come in several formulas. We offer a tinfoil (flat sheet) formula and also a separate formula used on extruded bottles. Both of these inks are ideal for applications that show when a beverage is cold or in applications to alert a consumer when a product is changing temperatures.

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

- *Low Temperature Ink:* Used for applications in the refrigeration temperature range. [Examples: Carbonated soft drinks, energy drinks, and beer 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: To show authentication on items that may be counterfeited](#)
- *High Temperature Ink:* This formulation disappears or changes color when heated up. [Examples: Aerosol cans or other assorted applications where a reaction at higher temperatures is desired](#)



room temp chilled room temp chilled



room temp warmed



room temp exposed to high heat

PHOTOCHROMIC INK:

Another CTI breakthrough is photochromic inks, or sunlight inks, for packaging. These inks change from clear to the selected color (multiple colors are available). The ink changes quickly when exposed to sunlight and then changes back to original clear when removed from sunlight (within a few minutes). The process repeats itself.



indoors

in sunlight

GLOW-IN-THE-DARK INK:

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 a novel and interactive effect is desired. Energy drinks have been early adopters of this innovative ink.

- Two-Piece
- Three-Piece



in the light

in the dark

FLUORESCING SECURITY INK:

CTI Fluorescing Security Inks can be a part of a multi-layer approach to identifying counterfeit products. Covert or overt, these inks only fluoresce under specific UV wavelengths. And because of CTI's careful vetting of new customers, only qualified printers have access to these products.



natural light



UV light