

Thermochromic Epoxy Screen Inks

Description

Thermochromic Epoxy Screen Inks once printed change from colored to colorless when exposed to temperatures above their transition temperature. The temperature at which the Thermochromic changes from colored to colorless can be selected per the application requirements. This color change is reversible as you move up and down through the selected temperature range.

Application Suggestions

The Thermochromic Epoxy Screen Inks have been designed for glass substrates. Use the following recommendations to achieve optimal washability:

Screen: 100-200 US mesh screen depending on color intensity.

Catalyst: A ratio of 7:1 of resin to catalyst for proper activation.

Drying: 30 minutes at 160°C (325°F)

Product Range

Standard 1 Thermochromics:

Colors: Red, Magenta, Vermilion, Orange, Yellow, Green, Blue, Violet, and Black

Temperatures: 15, 31, and 47°C

Custom Thermochromics:

Colors: Color matching available upon request

Temperatures: (-10°C) to 69°C