



Chemical Consultants
INCORPORATED

L.T.C Curable Reducer

PLASTISOL INK REDUCER

GENERAL DESCRIPTION

CCI's Curable Reducer is a 100% curable reducer that is designed to be added to plastisol inks to reduce viscosity and create a softer hand.

ADVANTAGES

- Softer Hand
- Utilize Higher Mesh Counts for Finer Print Detail
- Modifies the Flow and Printing Characteristics of the Ink
- CPSIA Compliant (Consumer Product Safety Improvement Act)
- Phthalate Free
- Easy to Work With, Mixes in Easily
- Non-Hazardous
- Does Not Affect Color (Dulling of Ink)
- Does Not Affect Curing
- Can be used with conventional plastisol inks



APPLICATION

Recommended starting point is 2%-5% (by weight) to the plastisol ink. Depending on the ink, you may add up to 20% by weight. However, it is always recommended that you do a test print to check opacity, wash fastness, bleed, and color strength after any reducer is added.

FLASHING:

Parameters vary between all flash units. Flash for 2-3 seconds so that the ink deposit reaches 150-250°F (65-121°C)

CURING:

Cure between 270° to 325° over a 60-90 second period depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

AVAILABLE IN:

1 quart

1 gallon

5 gallon

Curable Reducer