

# U-BASE



## WHITE UNDER-BASE DISCHARGE INK

**CPSIA**  
Compliant!  
PHTHALATE FREE

### GENERAL DESCRIPTION

U-BASE is a white under-base discharge ink specifically designed for use in conjunction with Plastisol and Water-Based inks. U-BASE is used as a color-stripping ("bleaching") under-base. The natural fabric color is replaced with a white under-base. Suitable fabrics are easily discharged producing an extremely soft-hand. U-BASE's rheology and flow characteristics allow it to be printed with high mesh counts, which produces very fine image detail and a softer finish.

### ADVANTAGES

- Replaces Bulky Plastisol Under-Base
- Ideal For Use With Dark Fabrics
- Exceptionally Soft Hand
- Produces Extremely Bright and Crisp Colors
- Low Odor
- PVC, & Phthalate Free
- Easy Clean-Up
- Easy to Use – Low Viscosity
- Dry Cleaning / Ironing Resistant
- Does Not "Dry-Out" On The Screen
- Long Pot Life / up to 24 Hours
- Recommend Mesh/Fabric = 156.70 to 355.34 t/in
- Superior Color/ Wash Fastness

### QUICK TIPS

- Activate only enough ink for the current job.
- Misting the screen, with water, during high production runs will keep the ink from drying out.

### PREPARATION

Screens must be prepared with water-resist emulsion to prevent stencil breakdown on press. Post-hardening the stencil is recommended for long print runs. Stir in 3-6%, by weight, D-Powder Discharge Activator and mix well. Different percentages of the Activator will affect the discharge results; increase or decrease in order to achieve desired results. Mix only enough for current production requirements. Activated U-BASE should be used within 8 hours. U-BASE may be thinned with water, if a lower viscosity is required, up to 10% max.

### APPLICATION

The mesh/fabric count that is being used will determine how much squeegee pressure should be used. Typically heavy squeegee pressure is preferred. Flash curing between U-BASE and Plastisol recommended ("Print-Flash-Print"). Wet-On-Wet method may be used. Misting the on-press screens occasionally with water during long print runs is helpful. The printed fabric should be cured for a minimum of 90 seconds at 320 °F. Ideally the printed fabric should be cured for 2-3 minutes at 340-350°F. High volume forced air is recommend during curing. Do not allow the print to dry before curing in an oven; the more moisture available, the better discharge result. Proper curing is extremely important. Degree of discharging and color/wash fastness is dependent on proper curing. The activator will give off a strong odor, this is normal. Heat curing must be complete in order to assure the fabric does not retain the activator odor, re-curing may be required. Add CCI's EnviroLine® Retarder up to 5% to provide more open time of the wet ink to prevent drying in the screens.

### WASH-UP

General wash-up, on ink that has not dried up, can be done with water. CCI's EnviroSolv® should be used for an on-press cleaner and screen opener. Specialty products like CCI's WB-1 are ideal for dried up ink and tough haze stains left behind on the fabric.

### NOTE

Always pre-test for complete cure, durability, and other specific requirements. Not all fabrics are dyed with dischargeable dyes. Certain chemical residues may remain on the printed fabrics. Fabric printed with U-BASE should be either washed before packaging, or labeled accordingly to alert the buyer or customer that the garment should be washed prior to use.

### PACKAGING

- Quart (2 lb. container)
- Gallon (8 lb. pail)
- 5 Gallon (40 lb.pail)
- 55 Gallon (440 lb.drum)



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