

**PRODUCT DESCRIPTION:**

PLASTICHARGE INK (DSPCH-9070) makes it easy to print bright, colorful, *soft-hand* prints on discharge-dyed garments by transforming selected plastisol inks into discharge inks. Plasticharge prints are water absorbent.

**RECOMMENDED MESH/EMULSION:** 110-180T Mesh, Water-resistant emulsions.  
(For long runs, stencil hardener is recommended.)

**PLASTICHARGE PREPARATION:**

Step 1. Mix equal parts Plasticharge Additive and a suitable plastisol ink. Stir until the ink and Plasticharge are completely mixed. Do not use mixing speeds that are high enough to heat the ink. Mix only enough for a few days production. Plasticharge can also be used alone for a “bleach-only” effect to natural fiber.

Step 2. Add 6% ZFS Discharge Agent (DSPP-9ZFS) before printing. Mix until completely dissolved. Once the discharge agent is added, the ink has a pot life of 24 hours.

**PRINT TECHNIQUES:**

Force the ink well into the substrate with heavy squeegee pressure. Print wet-on-wet without flash curing. The color values of the inks will appear after curing. Mist the screen occasionally with water to maintain the ink viscosity during long printing runs.

**CURING:**

Cure for a minimum of 90 seconds at 320° F (160° C) to activate the discharge reaction and produce a washable print. Often, it requires several passes through a conveyor oven to sufficiently evaporate moisture and fully discharge.

**Important Note on Curing:**

Proper curing is EXTREMELY IMPORTANT. Poor wash-resistance of the print can generally be traced back to improper curing! It is important to understand how to set your dryer and check the temperature you are achieving using an accurate measurement device like a Temperature Gun.

**WASH-UP:** Washes up with water. Use CCI Envirosolve as a screen opener spray.

**NOTES:** Always pre-test for complete cure, durability, and other specific requirements.

Not all garments are dyed with dischargeable dyes. The printer must test inks containing Plasticharge on the garment before using it in production to determine if the dyes in that garment will discharge. Plasticharge Additive is recommended for use only with selected plastisol inks. Plasticharge Additive may affect the color of some inks; reds and magentas are especially prone to this. It is the printer's responsibility to test inks containing Plasticharge to determine their fitness for use with the ink, garments, and printing conditions. We recommend that garments printed with Plasticharge be washed before wearing.

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