

P-CHARGE



PLASTISOL ADDITIVE / DISCHARGE INK

GENERAL DESCRIPTION

P-Charge is an ink additive that will make Plastisol inks perform like water based discharge inks. The results are a softer hand and the feel of a water based print without having to have a separate mixing system. All you need are dischargeable dyed garments and P-Charge to get a new look.

ADVANTAGES

- Easy to Use
- Extremely Soft Hand
- Produces Bright and Crisp Colors
- Low Odor
- PVC, & Phthalate Free
- CPSIA Compliant
- Superior Color/ Wash Fastness
- Easy Clean-Up
- High Opacity
- Dry Cleaning / Ironing resistant
- Does not "Dry-Out" on the Screen
- Long Pot Life / up to 24 Hours

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.

MESH

110 to 175 threads per inch mesh, for best results.

STENCIL

Use only water-resistant emulsions, such as WR-25.

APPLICATION

Step 1: Mix the P-charge one to one with Plastisol (50/50). Stir until the ink and P-charge mixed thoroughly and have a even consistency. Do not use high speed mixers that can heat the ink and cure it in the container.

Step 2: Add the D-Powder agent 3 to 6% by weight to the Plastisol / P-Charge mixture and stir in until completely dissolved into the ink. Once the ink is mixed it has a pot life of up to 24 hours. Only mix what you will use for current production.

PRINTING INSTRUCTIONS

Force the ink into the substrate, with heavy squeegee pressure. Print wet on wet without flash curing. The true color of the garment will not show completely until cured. On long print runs spray (mist) the screen, with water, to help the ink viscosity if you see drying. Use water as a reducer.

CURING

Cure at a minimum of 90 seconds at 320° F (160° C) to activate the discharge agent to get a washable print. Evaporating the water to quickly will stop the discharge reaction and result in dull colors.

CAUTION

Not all garments are dyed with dischargeable dyes. The printer must test inks containing P-CHARGE on the garment before using it in production to determine if the dyes in that garment will discharge. P-CHARGE Additive may affect the color of some plastisol inks. Reds and magentas are especially prone to this. It is the printer's responsibility to test inks containing P-CHARGE to determine their fitness for use with the ink, garments, and printing conditions. The wash-fastness and color fidelity of the resulting print depends entirely on the plastisol ink, garment used, and printing and curing conditions. Certain chemical residues may remain on the printed fabrics. Fabric printed with P-CHARGE 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 (2.0 lb. container)
- Gallon (8.0 lb. pail)
- 5 Gallon (40 lb.pail)
- 55 Gallon (440 lb.drum)

