



Non-Phthalate Ink Series

Plasticharge White (DSPCH-E100)

The first dischargeable plastisol ink.

Applications

- Discharge-dyed cotton garments.
- Underbase prints.

Features

- Extremely soft hand.
- Extended open time in screens.

General Information: Plasticharge White (DSPCH-E100) is a plastisol ink with discharge properties until now only found in water-based discharge inks. With Plasticharge White you can print bright, colorful, soft-hand prints on discharge-dyed garments. Plasticharge White will provide you with the ultimate soft-hand underbase print.

Mesh: For underbase printing use mesh counts from 156-178 (62-71 metric) monofilament polyester stretched to mesh manufacturer's tensioning recommendations.

Stencils: Use only water-resistant emulsions.

Additives: Add 4-6% ZFS Discharge Agent (DSPP-9ZFS) prior to printing. Mix until completely dissolved. After mixing, the ink must be used for discharging within 24 hours. If necessary, Plasticharge White may be reduced with water.

Curing Instructions: Cure for at least 90 seconds at 320° F (160° C). Evaporating the water too quickly will stop the discharge reaction and result in dull colors.

Caution: The printer should test Plasticharge White on the garment prior to production to determine if the dyes in that garment will discharge. It is the printer's responsibility to test Plasticharge White to determine its fitness for use with the garments and printing in their facility.

Additives

DSPP-9ZFS Discharge Agent

Plasticharge Additive (DSPCH-E907)

Additive to discharge plastisol inks.

Applications

- Discharge-dyed cotton garments.
- Terry-cloth towels.

Features

Works with almost any discharge compatible plastisol.

General Information: With Plasticharge Additive (DSPCH-E907) you can print bright, colorful, soft-hand prints on discharge-dyed garments by transforming selected Union plastisols into discharge inks.

Mesh: 156-178 (62-71 metric) monofilament polyester stretched to manufacturer's tensioning recommendations.

Stencils: Use only water-resistant emulsion.

Mixing Instructions: Combine equal parts Plasticharge Additive and a suitable Union plastisol. Stir slowly until completely mixed. Mix only enough for a few days production. Add 4-6% ZFS Discharge Agent (DSPP-9ZFS) just before printing and mix until completely dissolved. After adding the ZFS the ink must be used for discharging within 24 hours.

Curing Instructions: Cure for at least 90 seconds at 320° F (160° C). Evaporating the water too quickly will stop the discharge reaction and result in dull colors and poor wash resistance

Caution: The printer must test any color mixed with Plasticharge Additive on the garment prior to production to determine if the dyes in that garment will discharge. It is recommended that Plasticharge Additive not be mixed with ink colors made from non-permanent type red pigments as oxidation may result in extreme color shifts.

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Additives

DSPP-9ZFS Discharge Agent
