



Silk Screen Printing Supply

Products Information

(SPP) Supra Puff Plastisol

PROPERTIES

Modifiers/solvents... SUPRA Clear Extender & Colors Base increases puff height and facilitates difficult color matching. Generally, SUPRA does not require thinning. When necessary,

INSTRUCTIONS FOR USE

Thinning and Cleaning

- Stir well before use.
- (SPP Supra Puff) inks are supplied press ready and do not need to be thinned. However, they can be thinned by mixing with 2-3% Retarder 6032 or Thinner 2900 if required. Do not exceed this level as a higher percentage can result in reduced adhesion and opacity.
- PTN Flow Thinner (901) can be used to increase the ink absorption into the fabric and give the print a softer handle. Addition of PTN901 is not recommended when printing dark colored fabrics as a higher opacity is usually required.
- Cleaner C170 should be used to clean PTN from the screen. For heavy ink stains, Screensolve SSO-038 or Thinner 5099 can be used. Please refer to the relevant P.I. Sheets for more information.

Printing

- SPP can be printed through a variety of solvent resistant stencils, such as Diazol PU (610), Diazol TX (600) and Polyzol DE (622).
- For dark colored fabrics or transfer printing, screen mesh no. P43-80 to P61-64 is recommended. For single color printing or multicolor printing that requires curing after printing each color, mesh counts. P21-140 to P43-80 are required to optimize individual color opacity. (See *"Drying and Curing"*.)
- Apply Spray Way SW82 or Dry stick AH388X all over the print table to firmly hold the substrate in place during printing.

Drying and Curing

Final Curing:

Screen fabric... 60 or 80 monofilament polyester mesh. Low build-ups require finer mesh counts.

Curing... apply approximately 320 F of heat for about 1 to ½ minutes. Too much heat will result in an uneven puff. Insufficient curing time or temperature may result in flaking of print.

SUPRA's durable matte finish combined with its color richness gives prints the outstanding visual attractiveness of embroidery. The cream texture of SUPRA-PUFF facilitates smooth, effortless printing, even with wet-on-wet applications. SUPRA does not dry in the screen. It prints perfectly on 100% cotton; 50/50 cotton/polyester blend; and some synthetics.

This SUPRA presentation is intended as a color guide only. The color samples printed here are not representative of the puff-height of SUPRA inks.

*Fluorescent colors.

All SUPRA colors are formulated without lead and chromate pigments.
Caution: plastisols react to heat. Always store at temperatures under 100 F.
Always test on actual substrate before beginning print production.

Metallic or colors Prints

(SPP Supra Puff) you can be mixed with any PTN Plastisol Ink in the following proportions to produce prints:

Solvents

PTN901	Plastisol Flow Thinner
5099	Thinner
SSG17	Retarder

STORAGE

(SPP Supra Puff) inks should be stored away from heat, between 5-25°C. And in a sealed container.