

# PST - Pre-Printing Surface Treatments



## PST 1126 Pre-Printing Surface Treatment – Veguard 901®

## PST 1128 Pre-Printing Surface Treatment – TopPro®

Surfaces coated with PCI's Veguard 901® and TopPro® High Performance UV-curable Coatings require a pre-printing surface treatment before any inking process, due to their highly chemical resistant nature. This surface treatment can be accomplished by using PCI's specially formulated solutions. This pre-printing treatment ensures good adhesion of the ink to the coated surface.

PCI highly recommends that you apply the Veguard 901® and TopPro® UV-curable high abrasion and chemical resistant hard coats, on top of your printed surfaces.

Procedure for cleaning coated parts before inking process:

1. Wet lint-free, polyester wiper with the PST – 1126 formulation. Apply some pressure with wet wiper over the substrate, in even strokes, and then dry with a clean, lint-free, polyester dry wiper.
2. Wet wiper with Propyl Alcohol or IPA. Clean with even strokes, and then dry with a dry, lint-free wiper.
3. If you see streaks, repeat step 2.

For best adhesion results, we recommend the following ink curing schedule:

1. Heat curable inks:
  - a. On acrylic substrates: 2 to 3 hours at 120°F (49°C)
  - b. On polycarbonate substrates (\*): 1 hour at 150°F (66°C) - 180°F (82°C)(\* ) Depending on substrate thickness
2. UV curable inks:

Use established curing procedures, as recommended by the ink manufacturer.

