

PC 785

HYBRID
PHOTOPOLYMER
EMULSION

USER GUIDE

SENSITIZED PROPERTIES:

- Appearance: Blue
- Solids: 45%
- Viscosity: 13000 CPS
- Shelf Life: 24 Months
- Freeze/Thaw Stable: No

APPLICATIONS:

- Textile printing
- Adhesives

COMPATIBLE WITH:

- Plastisol, UV, Water-based and discharge inks

STANDARD SIZES:

- 28 ounces, 1 gallon, 5 gallons, 50 gallons

PERFORMANCE PROPERTIES:

- High solids
- Extremely fast exposure
- Versatile - produces halftone and line art
- Very fast dry times
- Excellent leveling for low Rz values
- Excellent mesh bridging
- Easy development
- Balanced color for easy inspection and easy on-press registration
- Extended shelf life
- High durability for long print runs
- Reclaimable without staining
- Diazo sensitizer is not needed, but may be added to boost durability.

FOR TECHNICAL SERVICE

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PC 785 INSTRUCTIONS

DEGREASE

Using Degreaser 260 *iSC*, Degreaser LF *iSC*, or Chroma/Wet *iSC* mesh degreaser work up a lather on both sides of the mesh. Flood screen and frame thoroughly with water.

COAT

Slowly apply first coat to the print side. Then coat squeegee side with one coat. Always end coating on the squeegee side of the screen. We recommend our Magicote, dual-edge coating trough.

DRY

Thoroughly dry the screen in a horizontal position, print side down, using a totally dark, clean drying cabinet. Temperatures should not exceed 110°F (43°C).

EXPOSE

Place emulsion side of the positive onto the print side of the screen. Exposure of PC 785 is very short. Do a step exposure for obtaining the correct exposure time or use an exposure calculator. Post-exposing with sunlight or exposure system improves durability and reclaim ability.

DEVELOP

Gently spray both sides of screen with lukewarm water, wait 30 seconds then gently wash print side of the screen until the image is fully open. Rinse both sides thoroughly. Dry completely.

RECLAIM

Apply Chroma/Strip *iSC*, or prepared solution of Chroma/Strip Plus *iSC*, to both sides of the screen using a soft nylon bristle scrub brush. Scrub both sides of the screen and let it dissolve the emulsion. Pressure wash the entire screen on both sides. Apply more reclaimer if needed. Do not let the reclaimer dry on the screen. Always keep the stencil wet until the emulsion is completely removed from the mesh.