

USER GUIDE

EconoPRO™ Series | High Quality Performance at an Affordable Price

ORANGEWORKS

Pure Photopolymer Emulsion

Orange Works™ is a fast exposing pure photopolymer emulsion designed for textile printers working in humid environments.

Orange Works™ is compatible with plastisol inks.



Performance

- Ideal for humid environments
- Fast exposing
- Very easy to reclaim
- Fast drying
- Excellent imaging
- High solids content

Sentized Properties

- Appearance: Orange
- Solids: 47%
- Viscosity: 5,000-8,000 CPS
- Shelf Life: 24 Months
- Weight: 9lbs/gallon

Part #: ECONOPOW

Storage: Shelf life is 24 months when stored at room temperature. Orange Works™ should not be stored at temperature above 80°F (27°C). Protect from freezing. Orange Works™ is not freeze/thaw stable.

Standard Sizes: Quart, Gallon, 50 Gallon Drum

For Technical Support

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Instructions



DEGREASE

Using EconoPRO™ 500 Ink Degradent/Stain Remover, spray both sides of the mesh and scrub with a (dedicated) degreasing scrub brush. High pressure rinse both sides of the screen. Follow with a slow/flood rinse over the mesh to activate degreasing agents. Dry the screen.

COAT

Slowly apply the first coat to print side. Then coat the squeegee side with one coat. If a thicker stencil is desired, additional coats may be applied to the squeegee side while the emulsion is wet. Note that one coat on each side with Orange Works™ is similar to four coats wet-on-wet with typical diazo-based emulsions.

- Orange Works™ is presensitized. Stir before use.
- Keep container sealed when not in use.
- Return unused emulsion from scoop coater to container and cover as soon as possible.

DRY

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

EXPOSE

Place emulsion side of the photopositive in contact with the print side of the screen. Exposure times for Orange Works™ are very short and accurate exposure times are important for optimal results. Use an exposure calculator or a step wedge test to confirm proper exposure times.

DEVELOP

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

RECLAIM

Apply EconoPRO™ 101 Emulsion Remover to both sides of the screen. On both sides of the screen, scrub emulsion remover into the emulsion with a scrub brush. Wait a few minutes for the chemical to work into the screen, until the emulsion begins to dissolve. Remove emulsion residue with a pressure washer, then rise with garden-type hose, thoroughly flooding the screen and the frame. Do not allow emulsion remover to dry in the screen.