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# USER GUIDE



## **SENSITIZED PROPERTIES:**

- Appearance: Violet
- Solids: 47%
- Viscosity: 5,000-8,000 CPS
- Shelf Life: 24 months at room temp.
- Wt. per gallon: 9 lbs.
- Freeze/Thaw Stable: No

## **APPLICATIONS:**

- Textile printing

## **PERFORMANCE PROPERTIES:**

- Fast Drying
- Fast Exposing
- Excellent Imaging
- Excellent Reclaimability
- High Solids Content

## **COMPATIBLE WITH:**

- Plastisol inks

## **STANDARD SIZES:**

- 1 gal. pails
- 50 gal. drum





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# INSTRUCTIONS

**NOTE: WORK UNDER YELLOW LIGHT**

## DEGREASE

Using a mesh degreaser, work up a lather on both sides of mesh. Flood screen and frame thoroughly with water, then dry.

## COAT

Slowly apply first coat to print side. Then coat 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 this emulsion is similar to four coats wet on wet with typical diazo based emulsions. Dry thoroughly between coats.

Note:

- This emulsion is presensitized. Stir before use.
- Keep pail covered when not in use.
- Return unused emulsion from scoop coater to pail and cover as soon as possible. Emulsion dries quickly and will rapidly "skin over."

## DRY

Thoroughly dry screen in 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 photopositive in contact with print side of screen. Exposure times for this emulsion is very short. Accurate exposure is important for optimal results. See exposure guidelines at right.

## DEVELOP

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

## RECLAIM

Apply a screen reclaimer to both sides of screen. Scrub area to be reclaimed with a stiff nylon brush to ensure entire surface is wet and let it work a few moments until stencil begins to dissolve. Remove stencil residue with pressure washer, then rinse with garden type hose, thoroughly flooding screen and frame.

## EXPOSURE GUIDELINES

Note: Exposure times are suggested only as a guide. Use the step exposure method to determine optimal exposure times. Individual exposure times may vary depending upon equipment used, bulb age, and other shop conditions. Exposure times below were set for 5KW unit at 40" from frame.

### 110 YELLOW POLYESTER MONOFILAMENT MESH

Coating	Coater	Suggested
Technique	Edge	Min. Exp. Time
1X1	Round	30 sec. (165 mj/cm <sup>2</sup> )
1X2	Round	40 sec. (224 mj/cm <sup>2</sup> )
1X3	Round	50 sec. (283 mj/cm <sup>2</sup> )

### 230 YELLOW POLYESTER MONOFILAMENT MESH

Coating	Coater	Suggested
Technique	Edge	Min. Exp. Time
1X1	Round	20 sec. (107 mj/cm <sup>2</sup> )
1X2	Round	25 sec. (135 mj/cm <sup>2</sup> )
1X3	Round	30 sec. (165 mj/cm <sup>2</sup> )

### 390 YELLOW POLYESTER MONOFILAMENT MESH

Coating	Coater	Suggested
Technique	Edge	Mid. Exp. Time
1X1	Round	15 sec. (78 mj/cm <sup>2</sup> )
1X2	Round	20 sec. (107 mj/cm <sup>2</sup> )
1X3	Round	25 sec. (135 mj/cm <sup>2</sup> )

\* Exposure times were determined using the a Radiometer Dosimeter and Exposure Calculator.

