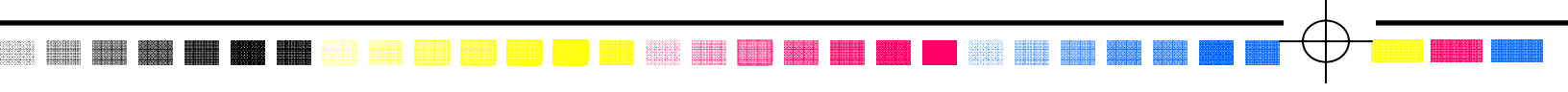


Purecoat Optima Emulsion



IMS902

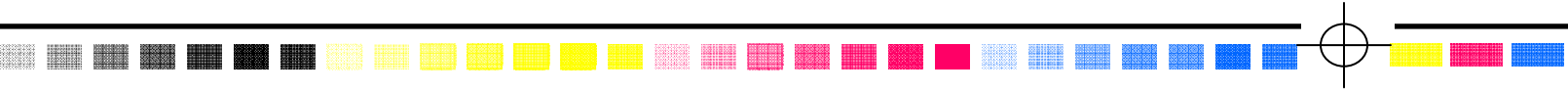
PURECOAT OPTIMA EMULSION

IMS902 Purecoat Optima Emulsion is a dual cure Diazo-Photopolymer emulsion designed to exhibit excellent resolution and mesh bridging while having outstanding water and solvent resistance. It is Blue in color for easy registration viewing and exhibits very fast exposure speed with great developing and reclaiming properties.

Processing Recommendations

- **Sensitizing:**
 - Add water to bottle of sensitizer.
 - Shake well and add to emulsion.
 - Stir emulsion well and allow to stand so air bubbles have an opportunity to escape.
 - Store sensitized emulsion in a cool and dark place.
- **Mesh Preparation:** Degrease the mesh with an *IMS* degreaser and allow screen to dry in a dust free environment prior to coating.
- **Coating:** To determine the best coating techniques for your application you should test using the following guidelines.
 - Using a round edge coating trough, always start on the substrate (print) side of the screen.
 - After applying 1 or 2 coats to the print side, finish with wet on wet coats on the squeegee side to build the desired thickness.
 - Allow to dry in a light safe, dust free environment.
 - Control humidity (25% to 40%) and temperature (85F to 105F degrees) with good air flow for best drying results.

Purecoat Optima Emulsion



- **Exposure:** An ultraviolet light source with a wavelength of 320 – 380 nm is recommended. Metal halide lamps provide the best results. To find the optimum exposure time for your unit and application, run an exposure calculator test. This procedure should be run weekly as bulbs will lose ultraviolet intensity with use. Underexposed screens will show color rinsing off the screen during developing. Overexposed screens will show detail loss and will be more difficult to develop. Develop using lukewarm or colder tap water with some pressure. Spray both sides of the screen until image is clear and blot off excess water.

PACKAGING

- 1 Gallon
- 5 Gallon
- 55 Gallon

Nazdar stands behind the quality of this product. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. This product has not been tested for application by any other method than described. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar. Nazdar recommends checking with your local wastewater district prior to washing any chemicals or ink products into the drain.