



IMS905

PURECOAT HV SBQ EMULSION

TECHNICAL INFORMATION AND APPLICATION INSTRUCTIONS

PRODUCT INFORMATION

IMS905 Purecoat HV SBQ is a presensitized Pure-Photopolymer emulsion designed for textile printing. It exhibits excellent resolution, high solids, and fast exposure to enable very quick and efficient screen making. The high solids content helps provide outstanding mesh bridging and wide exposure latitude for high detail and 4 color process work.

PROCESSING RECOMMENDATIONS

Presensitized and Ready for Use

- **Mesh Preparation:**
It is always recommended to degrease the mesh with a mesh degreaser (such as **IMS102 RFU degreaser**) and allow screen to dry in a dust free environment prior to coating. This removes dust, and oil partials that may cause pin holes or fish eyes after exposure.
- **Coating:**
Purecoat HV SBQ has very good coating properties. 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. It is recommended to control humidity (25% to 40% recommended) and temperature (85F to 105F degrees recommended) with good air flow for best drying results.
- **Exposure:**
A ultra-violet 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 it is recommended to run an exposure calculator test. This procedure should be run weekly as bulbs will loose ultra-violet waves after hours of 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 tap water lukewarm or colder with some pressure. Spray both sides of the screen until image is clear and blot off excess water to prevent residue from developing to clog openings.

PACKAGING

- 1 Gallon 5 Gallon 55 Gallon

Revision 1.00