

EM500 PLUS Dual-Sensitized Emulsion

The first dual-sensitized emulsion

Product Description: EM500 is currently the only universal emulsion system that holds the patent for dual-sensitized emulsion. EM500 has been providing screen printers with a waterproof, solvent-resistant and highly reclaimable emulsion system for making professional, direct method photo screens EM500 is used with all types of screen inks: UV-curable, textile, conventional solvent and water-based. It has a high solids content for better coatability; EM500 offers more outstanding features.

FEATURES:

Excellent mesh-bridging properly: EM500 provides remarkably sharp print edges for all images. The bridging characteristics and the resulting hand-cut like sharpness are especially impressive on coarse meshes.

Superior resolving property: EM500-provides incredible definition for all halftones and fine details. Its resolving properties have thus far been proven on lines as fine as .0039". All types of images can be exposed and printed --- from simple art and coarse images to 133-line halftones and printed circuit work.

Simple to use: The high solids formulation of EM500 PLUS results in preparation of the screen with fewer coats. Most screens require little or no touch-up. Multiple-point light sources or single-point light sources can be used with equally good results. Screens made with EM500 are developed with water only. No chemicals are needed to wash out the image.

Maximum durability and versatility: When you use EM500, screens are assured maximum durability even without the use of hardeners. For greater economy, and longer-lasting screens, use sensitized EM500 as the blockout agent and re-expose the screen after applying. As the blocked-out areas expose and harden, the previously exposed emulsion coating simultaneously becomes even more permanent.

Availability: EM500 is the only dual-sensitized emulsion available in both clear and violet. EM500C Clear is recommended for use with mesh counts lower than 200; EM500 Violet is recommended for use with finer fabrics, up to mesh count 508.

Reclamation: Screens made with EM500 are reclaimed with Emulsion Remover, and with a high-pressure CRS600 such as the Power Wash Gun Remover.

Dye600 EM500 PLUS Sensitizer

Information: Every container of EM500 comes with Extra-Strength diazo photo screen sensitizer, DYE-588XX powder in sufficient quantity to fully sensitize the emulsion. Raysol sensitizers are recommended for sensitizing all EM Series emulsions, including EM500. These diazo compound sensitizers are proven much safer than both ammonium bichromate and potassium bichromate, and result in more durable stencils.

Packaging: Raysol is packaged in a convenient mixing container, to which warm water is added. The sensitizer powder easily and quickly dissolves into solution. DYE 588XX is available in sizes of 5 grams for sensitizing one quart of photo emulsion, and 20 grams for sensitizing one gallon of photo emulsion.



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