

Photo Emulsion EXPERT-7



EXPERT-7 is the premier quality diazo emulsion for use in the making of photo-stencils for screen printing. And it has excellent development. In this way the film is very softer and printing is very well.

■ **EXPERT-7** consists of the following Three materials.(1 kg, 5 kg set)

EMULSION 0.9kg 4.5kg
SENSITIZER 100 cc POLY BOTTLE 250cc POLY BOTTLE
DYE 10 cc POLY BOTTLE 30ccPOLY BOTTLE
Additional water 0.1kg 0.5kg(for dissolving sensitizer)
TOTAL 1kg 5 kg

■ **Use of EXPERT-7** Handle **EXPERT-7** under subdued light conditions. Dissolve the sensitizer with 0.1kg water. Pour sensitizer solution into emulsion and mix it thoroughly. Mix dye and emulsion if you need colored emulsion.

■ **Pre-Cleaning of screen**

In order to get good adhesion between emulsions and screen, use a screen cleaner "SCREEN CLEANER EMC-58".

■ **Coating**

Coat the sensitized emulsion onto screen
(outer-side which touches directly object materials).

1. Stand screen vertically.
2. Coat once from bottom to top.
3. Turn up side of screen down.
4. Coat from bottom to top(opposite direction).

■ **Drying**

Dry coated screen in temperature not higher than 40℃ for 15~20min.
After drying, the screen should be kept in a cool and dark room.
* Repeat these coating and drying operation until the emulsion becomes the thickness you need.

■ **Exposure**

Before production use, determine the correct exposure time for your work by some experiments.

■ **Reference data**

EMULSION	SCREEN		THICKNESS	EXPOSURE TIME
EXPERT-7	Polyester 225mesh Yellow	4kw High pressure mercury lamp	10μm	60sec
		3kw Metal halide lamp		120sec

※ Using Light source at 1 meter distance

■ **Development**

Immerse the exposed screen in water for a few minutes, wash it out with a low-pressure spray of water, and then dry it.
* Re-exposure after developing and drying makes screen emulsion stronger.

■ Please advise in freely.

■ SPEC We will revise & improve without informing

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