

Photo Emulsion W-300



W-300 is the premier quality diazo emulsion for use in the making of photo-stencils for screen printing of textile.

■ **W-300** consists of the following three materials.(5 kg set)

EMULSION 4.5 kg
SENSITIZER 0.025kg(250cc poly bottle)
DYE 0.100kg(50×2cc poly bottle)
Additional water 500cc (for dissolving sensitizer)
TOTAL 5 kg

■ Use of W-300

Handle **W-300** under subdued light conditions.
Dissolve the sensitizer with 500cc 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
W-300	Polyester 135mesh	Chemical Lamp 100W	2μm	15sec

※ Using Light source at 10cm 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.

■ Reinforcing

Coated emulsion onto screen should be reinforced by Hardener

■ Please advise in freely.

■ SPEC We will revise & improve without informing



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