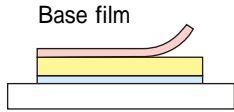


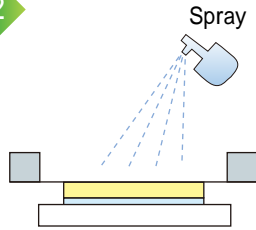
# Cosmomask® Plate-making Process

1



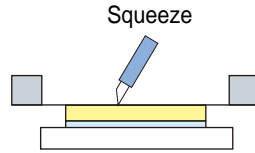
Peel off the base film and place the photo-polymer on the flat board made of foam polystyrene, ...etc.

2



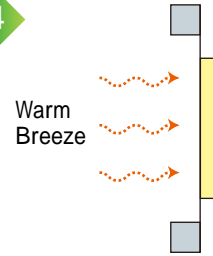
Place the frame with screen fabrics on the photo-polymer plate and spray water upon it thoroughly with a kind of sprayer.

3



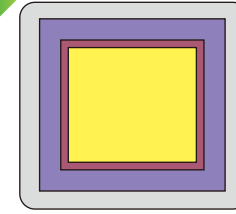
After spraying 20-30 seconds, wipe off the excess liquid carefully with a squeeze several times.

4



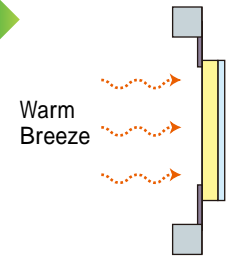
Dry the assembly in the dryer at 40°C for 15-30 minutes.

5



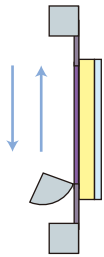
Seal the part around the edge of the photo-polymer plate with filling agent.

6



Dry the assembly in the dryer at 40°C for 15-30 minutes.

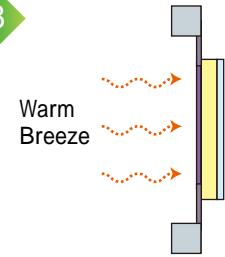
7



Apply an emulsion to the squeeze side of the assembly.

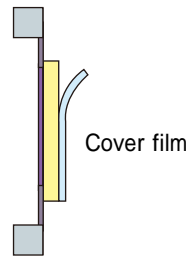
4 or 5 times of repeating step 7 and 8 is recommended.

8



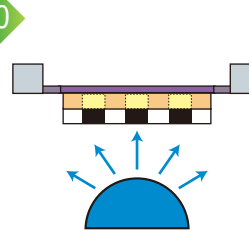
Dry the assembly in the dryer at 40°C for 15-30 minutes.

9



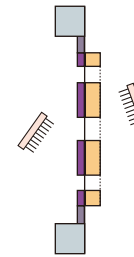
Then peel off the cover film.

10



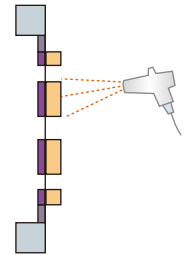
Contact a positive film onto the photo-sensitive plate and apply UV exposure or metal halide lamp.

11



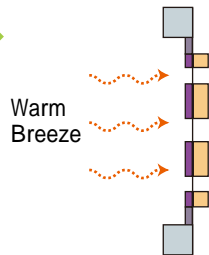
Washout unexposed polymer with tap water using soft brush or sponge. And washout the emulsion remaking in the unexposed part.

12



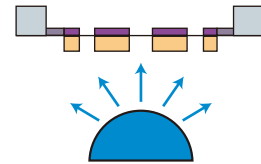
Then washout in the fine parts with water shower. At this moment be careful not to make water spray so hard. And be sure to wash it in a short time.

13



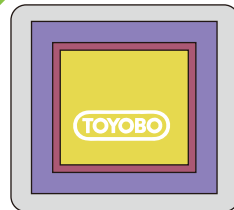
Dry the assembly in the dryer at 40°C for 15-30 minutes.

14



At last, expose the photo-sensitive plate with the same time as the main exposure time.

15



Now, the assembly is ready for print.