

Photo Etch Material List

[] 1. Print your graphic on a transparency film

Before making the stencil, you need to print your graphic on a transparency film. We found that laser printer produces better result. Alternatively, your local print shop can also print the transparency film for you.

[] 2. Expose the top side of the photo plate

Put the photo plate on a hard surface then put the transparency on the plate. After that, put a piece of glass on top. Expose the plate under a fluorescent light for 15 minutes.

[] 3. Expose the bottom side of the photo plate

Remove the transparency and flip the plate over, expose the bottom side of the plate for 15 minutes.

[] 4. Remove the protective cover

After you have exposed both sides of the plate, you must remove the protective cover of the plate. Put a piece of tape on a corner and slowly peel off the protective cover. You have to do the same thing on the other side of the plate.

[] 5. Develop the photo plate

*****You must wear protective glasses and gloves, because the developing solution are corrosive.***

Using a plastic tray. Mix 250ml of water with 25ml of developer. Put the plate into the tray, use a soft brush to wash away the photo material. Repeat this action until all un-exposed area are removed. After developing the plate, wash the plate with clean water.

Now, you should see that your graphic is being developed on the surface of the plate.

[] 6. Etch the photo plate

Put the plate a plastic tray with etching solution, move the tray up and down slowly. Depends on your graphics, it will take up to 60 minutes to fully etch the plate.

[] 7. Strip the photo plate

*****You must wear protective glasses and gloves, because the developing solution are corrosive.***

The final step is to remove all remaining photo material from the plate. Mix 250ml of warm water with 100ml of developer in a plastic tray. Use a soft brush to wash away all photo materials on the plate.

Use clean water to wash the plate and dry the plate using a blow dryer. Now, your stencil is ready to use.

