

Laminating the photopolymer film on copper

The film can be laminated in two different ways on the copper plate: *dry* og *wet*. Which way you choose does not matter. Dry lamination is done on the etching press and wet lamination is done on a glass plate by means of a squeegee. The latter can be recommended either if the etching press is occupied or if temperature and humidity in the room produce bobbles or wringles in the film when you run it through the etching press.

DRYLAMINATION

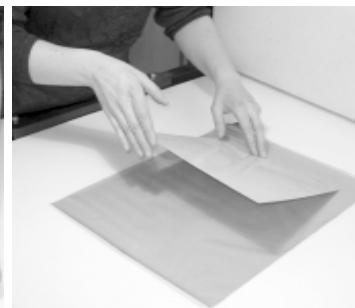
- 1 Cut out a piece of film a little larger than the plate.
- 2 Make a cut across one corner with a sharp hobby knife ($\frac{1}{2}$ cm from the corner).
- 3 Tear off the corner.
- 4 Pull off the soft inside peel-back layer.
- 5 Place the film on a Perspex plate on the etching press bed
- 6 Carefully lower the de-greased copper plate onto the film.
- 7 Run the plate through the press.
- 8 Cut off excess film with a sharp hobby knife.
- 9 Store the laminated plate in lightproof wrapping until you need it.



make a cut across one corner



pull of inside mylar



lower the plate on to the film



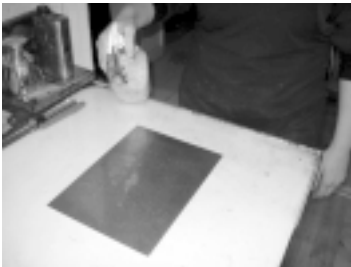
cut of excess film with a hobby knife

In very dry studios (low humidity) it can be recommended to place the film on a newspaper with the unprotected side facing up and spray the film with a lamination solution from an atomizer before placing the plate on top of the film. (The lamination solution is a mixture of 35%-propyl alcohol and water mixed 1:3). Remember to cover the wet edges with plastic before you run it through the press. this prevents the film from sticking to the blanket.

Turn the page!

WET LAMINATION

- 1 Place the copper plate on a glass plate
- 2 Spray water on top of the copperplate with an atomizer
- 3 Cut a piece of film a little larger than the plate.
- 4 Make a cut across on corner with a sharp hobby knife ($\frac{1}{2}$ cm from the corner).
- 5 Tear off the corner
- 6 Pull off the soft inside peel-back layer
- 7 Place the film on top of the sprayed copper plate
- 8 Spray water on top of the film
- 9 The film is squeegeed from the center outward until it is smooth. If any folds arise, lift the closest corner and squeegee back down until it is smooth all over.
- 10 The plate is wiped and dried on top with a clean rag from the center outward.
- 11 The excess film is cut of with a sharp hobby knife.
- 12 The laminated plate is dried thoroughly in the drying cabinet.



spray water on the plate



place the film on the wet plate



spray water on top of the film



squeegee from center and out



wipe with a clean dry rag



cut off excess film

Remember! - We are currently testing all photopolymer films on the market. This gives you the guarantee always to get the best film to the best price.

Se also "Non-Toxic Updates" on [www. GrafiskEksperimentarium.dk](http://www.GrafiskEksperimentarium.dk)

october 2003 / Henrik Bøegh