

Instructions for using Blue PnP (Press-n-Peel) Paper to Transfer Images to Metal -- for Etching or Anodizing

- Graphics can be produced by hand or computer.
- Photocopy (dry thermal toner) or Laser Print (not inkjet or bubblejet) mask (dark image) onto the dull side of PnP blue acetate base. (The black pigment absorbs the heat and transfers to your work.) *Note that the image will be reversed when it is transferred.*
- Cut the image out of the PnP leaving approximately 1/4 inch border.
- Metal surfaces work best if they have a scratch brushed surface. Scotch Brite, pumice, or #00 steel wool all work well.
- Clean the surface of your metal to remove all oils and dirt. Penny Brite works great to clean copper, brass and nickel silver. SOS may also be used.
- Rinse well to remove all soap / cleanser residues. Water should sheet off the metal when it is clean. If running water beads on the surface, it means the surface is still dirty or oily.
- Dry thoroughly with lint-free cloth. The sheet should be flat to help with the transfer of heat. (If there are burrs or raised portions on your metal, they may prevent the iron from making solid contact with the Press-n-Peel Film.)
- Place Press-n-Peel with image face down onto clean copper board. Iron the Press-n-Peel Film to the board. Scotch tape can be used to hold metal and image in place. Some users prefer to place a piece of plain paper between the iron and the film to reduce friction.
- Temperature setting is critical, and dependent on your laser printer or photocopier. Suggested starting temperature is 250 – 325 degrees F. On a clothes iron, that is usually between the “acrylic” and “polyester” settings. Iron temperatures vary. Iron until board has completely and fully reached the temperature of the iron. Time varies with the size and thickness of the metal. Generally this is 1.5 to 4 minutes. You may note a slight change in the color of the PnP as the image transfers. If the backing begins to wrinkle up at the edges you may be working too hot. **Do not use steam.**
- You can help the heat transfer process along by using a plate of heated metal or an electric skillet as your “ironing board”. This is especially helpful for larger images.
- Allow the metal to cool, or quench in cool water. Peel the film off.
- Any “fills” inside of letters or between lines that have accidentally transferred can be lifted off with clear packing tape.
- If necessary, trim the board to final size. The metal is now ready for acid etching. (Follow instructions included with your etchant, or <http://www.rings-things.com/Learn/Etching/>)
- Please take all safety precautions. Wear the proper protective clothing and provide for adequate ventilation.
- The mask may be removed, if necessary, with steel wool under running water, or with paint thinner or other solvents. Be careful not to scratch an anodized surface.

