



APM R3 Instructions

1. **The self adhesive film is light sensitive and should be used out of direct sunlight.**
2. Laser printing technology now makes it possible to quickly reproduce a customer's logo or design, add type or additional graphics. **The artwork must be printed onto a tracing vellum paper** or Folex Laser Film, the density of the print can be enhanced using Folex Folatoner, all of these products are available from Glass Engraving Supplies. If you want to reproduce a halftone a film positive is recommended using a 35 or 45 dot screen (dpi).
3. Lay the slip sheet side of the APM R3 film towards the UV light source and place the toner side of the laser film on top of that. The slip sheet can be distinguished from the carrier sheet by the following:
 - * The slip sheet has a duller appearance compared to the shiny carrier sheet.
 - * Self adhesive film sheets are packaged with the slip sheet facing upwards.
4. The film is UV exposed for approximately 25 seconds on a Pluvex exposure unit or 12 seconds on a Pressure Pad exposure unit, in order to achieve the correct exposure time for alternative exposure units we would recommend a step wedge test.
5. Prior to washing out the film the slip sheet should be removed. This can be a little tricky at first; a tip is to use a sharp blade.
6. The film should be washed out in a washout booth with a water pressure of approximately 90psi.
7. The film can either be dried at room temperature or it can be dried in 3-4 minutes using one of our drying unit.
8. The self adhesive film can now be adhered to a backing sheet for storage or it can be applied to the glass.
9. To transfer the stencil onto the glass simply rub down the stencil with a plastic burnisher and peel off the clear backing sheet. Now you are ready to sandblast the glass.
10. We recommend 30-40psi blasting pressure for most items, holding the nozzle 4-6 inches away, blast until you have a nice even depth across the design areas of the stencil.
11. After the design has been completely sandblasted the quickest method to remove the resist is to place the glass in warm water for several minutes and then peel the stencil from the glass gently rubbing with your fingers.
12. Once the stencil has been removed dry the glass using a towel or tissue.

If you require any assistance please do not hesitate to contact us.

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