



APM RapidMask Instructions

1. **The 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 as a negative image** 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 100 to 150 dot screen (dpi) depending on the level of detail required. The artwork that is to be engraved should be reversed out into a black box, ie; the artwork to be clear with a black box around it.
3. Lay the emulsion side of the Rapid Mask film towards the UV light source and place the toner side of the laser film on top of that. The emulsion side of the film has a duller appearance compared to the shiny carrier sheet.
4. The film is UV exposed for approximately 120 seconds on a Pluvex flat bed exposure unit or 55 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. When the film has been exposed remove it from the exposure unit. Prior to applying the film to the glass the slip sheet should be removed. The easiest way to do this is to apply a piece of masking tape to each side of one corner of the sheet, then pull the two pieces of tape and the slip sheet will come away.
6. To transfer the stencil onto the glass simply rub down the stencil with a plastic burnisher and peel off the clear carrier sheet. Now you are ready to sandblast the glass.
7. We recommend 30-40psi blasting pressure for most items, holding the nozzle 4-6 inches away, blast until all of the dark area's of your design become clear.
8. 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.
9. 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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