

RapidMask FACTS

RapidMask is dry photoresist film (doesn't require water washout).
It comes in two types – RapidMask 2mil (50 microns) and 4mil (100 microns).

RapidMask 2 mil is ideal film for surface sandblasting and halftones.
RapidMask 4 mil is an ideal film for deep sandblasting.

Facts about RapidMask :

1) RapidMask is 3 layered photoresist film

After exposure it's necessary to remove slip sheet (adhesive side of film). After applying onto glass it's necessary to remove carrier sheet to be able work further with stencil.

2) Every photoresist film reacts to humidity in the room

If you have dry air in the room, stencils get dry and less adhesive.

How to make stencil more adhesive?

If you feel low adhesion of your mask, breathe shortly onto the stencil. Very effective is also to hold stencil over kettle with boiled water for short period of time-steam from water increase film adhesion pretty much immediately.

3) The key for successful RapidMask stencil is 100% correct printout of your artwork (high density of black colour) and structured work with film during all process.

4) Artwork needs to be in negative (black=protection/adhesion, white=sandblasted area)

During exposure process, the black colour activated adhesion in RapidMask. Also, the exposure seals black areas, it creates protection around your logo which will be sandblasted.

If the printout is not correct, the film adhesion and protection against sandblasting is not activated fully in RapidMask = low adhesion, mask blow off etc.

How to recognize your artwork is not black enough?

You can see through the black areas in your artwork when placed against source of light

5) RapidMask is light sensitive film during all process, that means that the work needs to be structured and prompt

In very bright rooms use UV light protective window foils, use specialized light bulbs.

In medium/large production keep your glass with applied stencils ready to sandblast in boxes without light access-minimalize a contact with light.

6) Due to lower flexibility is RapidMask suitable mainly for flat or cylindrical surfaces (glass, polished stone) unless you're experienced in photoresist mask application