

Gecko™ 2.0 Adaptable Mask Clip

Eagle™ 2.0 Adjustable Mask Clip

Cheetah™ 1.0 Flexible Mask Clip

Design by Roy Leban, download design package at www.royleban.com/maskclips



How to Make

The **Gecko** and **Eagle** designs are *only* appropriate for laser cut 1/8" (3mm) acrylic. They will not work with flexible plastics. Use cast, smooth, non-frosted acrylic. Do not use CNC cutting or 3D printing. No testing has been done with those processes or materials and I am concerned that microfissures may make such clips difficult to clean.

The **Cheetah** design is *only* appropriate for Rowmark Lucent flexible plastic. It will not work with acrylic and has not been tested with any other flexible plastics (please contact me if you are willing to test with such plastics).

Clear material is discouraged as it is hard to see; other transparent or translucent colors are fine. Making clips out of a variety of colors is likely a good thing — letting people choose a color increases their feeling of control.

Making Files

There are multiple cut files provided to facilitate cutting. The base files contain one of each clip, plus another that contains one Gecko and one Eagle. You may replicate the shapes in the base files as necessary to fit your laser and material. Different colors are used in the artwork to allow you to cut the interior portions of the Eagle and Cheetah clips first, which ensures better registration.

The other cut files have layouts that let you get the most clips out of 12"x20" and 12"x12" material, for each clip; there are also files split 50/50 between Gecko and Eagle clips.

For Glowforge users, the images are aligned properly with the cut area by default and the cut order is set automatically based on the colors.

Providing Instructions

Please print off instructions to go with each clip. There is one instruction file for each clip, placed 4-up on a landscape page. The instructions will help people select which clip is better for them and aid with initial usage.

There are also combined instructions page providing all three sets of instructions along with a selection guide, plus an alternate version for just the two acrylic clips.

There is an optional sign you can include with a batch of clips, which also includes the selection guide (available for all three clips, plus just the two acrylic clips).

THANK YOU!

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