Engraving Metal Clay on the Silhouette Cameo® Machine
By Janet Alexander

You will need the engraving tip, plastic shelf liner, and have your clay cut out, dry, sanded, and filed. The engraving tip can be purchased at www.amychomas.com.

If you need to learn how to scan or edit lines please refer to my document, Scanning & Using the Silhouette for Cutting Metal Clay.

1. Draw the engraving design or type letters.
2. Make an outline of your other design being engraved by using the Offset function.
3. Select and Copy outline.
4. Go to the engraving page and right-click choose paste in front.
5. Adjust the engraving design to fit inside the outside shape. Select the shape using the Select tool and adjust with the outside handles by clicking and dragging them.
6. Select both, choose Object menu and then Group.
7. In the software, choose to Reveal Cutting Mat adjust the slider to 100%.
8. Select the group and move it below the first row of squares (1”). So it the rollers don’t run onto the clay denting it.
9. Open Cut Style menu select the Scissor icon.

We will engrave the shape’s outside lines onto the plastic attached to the mat. This will tell us where to position the clay.

10. In the Cut Style menu, choose not to cut the engraving part. Select the engraving lines and choose No Cut. Now the only lines selected to cut should be out outer edge lines.
11. Place plastic shelf liner onto the mat with the sticky side facing upward.
12. Remove the blade from the machine and replace with engraver tip.
13. Open Cut Settings menu. Change the tool settings to Sketch Pen, speed 10, and thickness to 33.
14. Press Load Mat into machine.
15. Choose Cut button on the Cut Setting menu. After engraving the outline of your design the machine moves the mat outward and stops. Leave the mat as is! Do not remove mat from the machine!
16. Press the dry clay inside engraved line indentions onto the plastic shelf liner still on the mat.
17. Press clay firmly onto mat. If needed for small clay items, tape clay to mat using shelf paper, attaching shelf paper along the edges of the clay.
18. Load mat into machine. Press Load Mat on the machine.
19. In the software, open Cut Setting menu, select the engraving lines and then Cut. Select the outside line and choose No Cut.
20. Choose Cut in the Cut Settings menu. The machine engraves the selected lines into the clay.

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