HOWTO Printing Lids PrusaSlicer

In the .3mf files, both the graphic and case lid are aligned with each other. You need to export both the graphic and the lid as separate gcode files.

Decide on your layer height first.

Adjust the z-size of the Graphic to match your layer height (with the padlock unlocked)

To export the graphic, right-click on the eye of the Doorbell-Lid layer to hide the lid. Slice the graphic and export the gcode.

Do the same thing with the lid but hide the graphic instead.

On your printer, print your graphic first.

When the print is finished, do not move the plate. Just swap out your filament and start the print for the lid. It will print right on top.

I have had good results with printing this on a Prusa Mk3S with a 0.8 nozzle in 0.4mm layer height. Anything smaller will also suffice.

| | E | xpert mode | ~ (8 |) Log | g in | |
|--------------------------------|----------|------------|-------|-------|------|---|
| Print settings: | | | | | | |
| 🍥 🗧 0.30mm DRAFT (mod | ified) | | | | | ٢ |
| Filament: | | | | | | |
| Generic PLA | | | | | | ٢ |
| Printer: | | | | | | |
| Criginal Prusa i3 MK3S & MK3S+ | | | | | | Ó |
| Supports: None | | | | | | |
| Infill: 15% 💛 Brim: | | | | | | |
| Name | | | Edit | ing | | |
| Graphic-EYE | | Ø | C | 9 | | |
| ✓ Doorbell-Lid O | | | | 9 | | |
| Generic-Cylinder | | | | | | |
| | | | | | | |
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| Object manipulation | | | | | | |
| | | a station | | | | |
| World coordinates | X [] | YC:] | Z [] | | | |
| Position: | 121.56 | 91.48 | 0.15 | mm | | |
| Rotate (relative): | 0 | 0 | 0 | • | | |
| Scale factors: | 133.03 | 133.03 | 83.33 | % | 3 | |
| Size [World]: | 75.00 | 06.26 | 0.2 | 1 | | |
| | 75.83 | 90.30 | 0.3 |] | | |
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