



Tissue and Candle Organizer Tray



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[VIEW IN BROWSER](#)

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Summary

Organizer tray to hold a single box of tissues and a candle along with its lid.



13.00 hrs



2 pcs



0.20 mm



0.40 mm



PLA



113 g



Creality
Ender 3

[Household](#) > [Home Decor](#)

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I have designed a simple organizer tray to hold a single box of tissues and a candle with its lid. The piece is meant to be used with or without a lit candle and can be placed in the bathroom or on tables/bookshelves around the house.

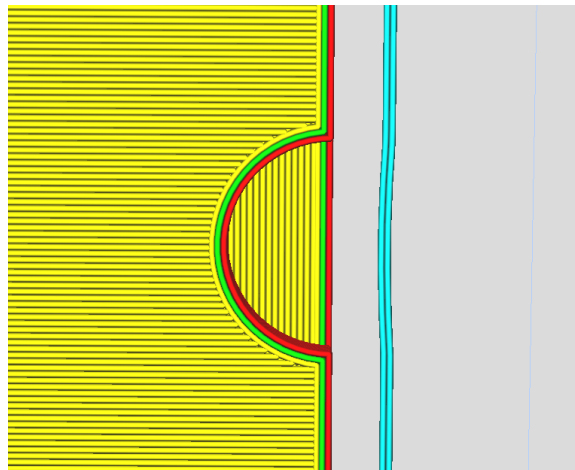
This model is designed to fit “square” tissue boxes that are labeled 21.3 cm x 20.8 cm on bottom (72 2-ply tissues for me). Also, the candle is a

White Barn/Bath and Body Works 14.5 oz / 411 g candle with a normal lid (textured may not fit in designed pocket). You will also need five self-adhesive 1/2" rubber bumpers (search 3m rubber bumpers online and there are plenty of options to order if none are local to you) and some sort of glue (I used super glue).

Printing

My Ender 3 build volume was not enough to print the entire model in one, so I had to split it up. I have provided the split version as well as the whole version in case you have a large build volume.

I did not use support at all and printed this model flat on the bottom out of Overture Rock PLA with a 0.4 mm nozzle and 0.2 mm layer height. The recesses for rubber bumpers will bridge just fine as long as you ensure your bridging is crossing fully over the gap as shown below:



To achieve this, I changed my top and bottom layer rotation to 0° and 90° instead of 45° and 135°. You could also just turn your model diagonally by 45° and not have to change any other settings. Use monotonic top and bottom infill for best visual appearance.

Assembly

Once these parts are done printing, use super glue to adhere both sides together (this will complete the recessed half circle underneath so that a rubber bumper can fit there). Stick five of the 1/2" rubber bumpers on bottom of piece and then use as desired!

Model files



tissue-side.stl

☐ This is half the model so it fits in build volume, no support needed



candle-side.stl

☐ This is the other half of the model so it fits in build volume, no support needed



whole-tray.stl

☐ Print this version instead if you can fit it in your build volume, no supports needed

Print files



tissue-side.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 6.00 hrs ⚖️ 55 g

☐ Designed for Ender 3



candle-side.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 7.00 hrs ⚖️ 58 g

☐ Designed for Ender 3

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