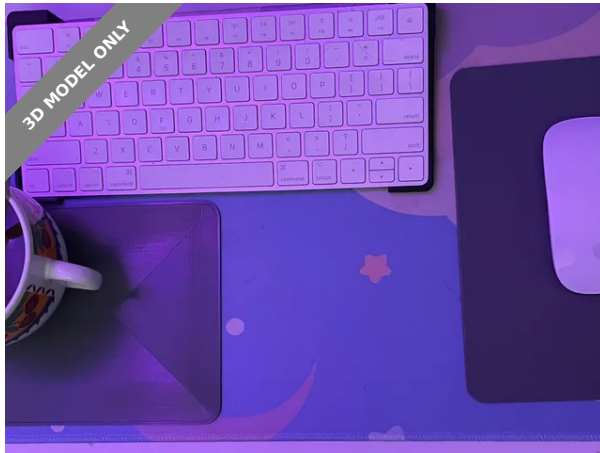




Mat / Placemat / Cutting mat / Mousepad / Coaster - 220mm X 150 mm with 0.8mm tall "border"



Prince of Prints

[VIEW IN BROWSER](#)

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Summary

Works as a placemat, coaster and mousepad when flipped over. It's a surprisingly useful rounded rectangle with a border.

[Household](#) > [Office](#)

Tags: [desk](#) [coaster](#) [tpu](#) [flex](#) [work](#) [mat](#) [mousepad](#)
[workmat](#) [placemat](#) [cuttingmat](#)

It's a thin rounded rectangle with a border. Print in flexible filament and it's floppy.

You too could 3D model this in under 5 min in over 20 different CAD programs. But alas...

I liked the **Flexible TPU work mat** design by revoxsvko but wished for a minor change - bit bigger and simpler. Few minutes in Autodesk Fusion 360 and bingo bango bongo Bob's your uncle.

Is this already a product? Yes.

Do I have TPU spools over 5 years old I'm using up? Also yes.

Printing notes:

- I like the look of concentric infill for top and bottom layers _()_/
- textured PEI plate provides minor grip on "bottom" of finished product
- nGen Flex filament was tested and works well with default Prusaslicer presets
- check that box for brrrrrrrim, lest ye risk warpage. It has a wee chamfer along the bottom edge but could be mostly "hopium" tbh...hence why I say brrrrrrRRRRIM!
- let the print plate cool completely before attempting removal
- a deburring tool works well to remove the brim if you used it

Tested set-up: Prusa MK4S

Print Sheet: Textured PEI

Adhesive?: Vision Miner Nano Polymer Adhesive (a.k.a. "NPA")

Filament: nGen Flex

Nozzle Diameter: 0.4mm (High-Flow, Stainless Steel)

Layer Height: 0.28mm ("DRAFT")

Infill: doesn't matter - I had enough top and bottom layers this was effectively 100% infill no matter the infill setting since it's thin

Used material: 46.19 grams

Print time: 1h 53min

Appx. material cost: \$2.69

Happy printing!

Model files



placemat_v1_220mmx150mm_rounded_with_lip.3mf

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