



Cooling rack / cutting board / mail organizer



greg.giem

[VIEW IN BROWSER](#)

updated 8. 4. 2023 | published 8. 4. 2023

Summary

Simple organizer for cooling racks, mail, cutting boards, etc. No Support Required



25.60 hrs



2 pcs



0.30 mm



0.40 mm



PLA
PET



600 g



Prusa
MK3/S/S+

[Household](#) > [Kitchen](#)

Tags: [organizer](#) [rack](#) [kitchenorganizer](#)

I use a store-bought mail organizer for storing cutting boards, but I wanted a smaller version for storing some metal cooling racks on edge. I had been leaning them up against the inside of the cupboard and they always slid down.

I designed an extremely simple rack to hold 3 half-sheet and 3 quarter-sheet cooling racks. It could possibly fit 4, but it would be tight. The long blade is 150mm and the short blades are 100mm. The slots are 50mm wide, and the whole thing is 150mm long. Everything is 5mm thick.

I intentionally designed and printed it on edge so the tensile stresses would be along the layer instead of between the layers, which is almost certainly overthinking it. I'm sure you could print it right-side up and it would work fine, but PrusaSlicer says it will actually take a tiny bit longer.

I printed it in AmazonBasics black PETG with 3 perimeters, 0.3mm layers, and 20% infill. I also included the PLA gcode if you prefer it.

Model files

drying-rack-holder-v2.stl

Print files

drying-rack-holder-v2_03mm_petg_mk3s_12h44m.gcode

⚙ PET 📏 0.40 mm ⚖ 0.30 mm ⌚ 12.73 hrs ⚖ 302 g 🖨 Prusa MK3/S/S+

drying-rack-holder-v2_03mm_pla_mk3s_12h52m.gcode

⚙ PLA 📏 0.40 mm ⚖ 0.30 mm ⌚ 12.87 hrs ⚖ 298 g 🖨 Prusa MK3/S/S+

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-ShareAlike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition

