



IKEA 365+ 10.8l sliding desiccant container for Drybox



woelpi

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Summary

Sliding desiccant container for the lid of the IKEA 365+ 10.8l drybox



4.36 hrs



3 pcs



0.20 mm



0.40 mm



PLA



52 g



Prusa MINI /
MINI+

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This desiccant box uses the lid of the IKEA 365+ 10.8l. I wanted to be able to remove the desiccant more easily than other solutions and came up with attaching the desiccant container to the lid.

It is assembled with double sided acrylic tape. Be sure to use something that is working with the PP of the box.

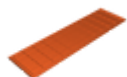
I used transparent PLA for this print, but PETG could work too (maybe the retention will be slightly worse, due to the smaller stiffness of the material).

The grid pattern is created inside prusa slicer with the infill settings for separate bodies inside the model (50% Grid pattern without top or bottom layers). Check the attached 3MF files or use the existing GCODE-files.

The box is removed by slightly pushing the Ikea lid from the inside and then sliding the printed desiccant box to the side.

Have fun with this design.

Model files



top-ikea-365-108l-desiccant-box.3mf



lid-ikea-365-108l-desiccant-box.3mf



box-ikea-365-108l-desiccant-box.3mf

Print files



lid-ikea-365-108l-desiccant-box_02mm_pla_mini_1h6m.gcode

PLA 0.40 mm 0.20 mm 1.09 hrs 14 g Prusa MINI / MINI+



top-ikea-365-108l-desiccant-box_02mm_pla_mini_45m.gcode

PLA 0.40 mm 0.20 mm 0.75 hrs 11 g Prusa MINI / MINI+



box-ikea-365-108l-desiccant-box_02mm_pla_mini_2h31m.gcode

PLA 0.40 mm 0.20 mm 2.52 hrs 27 g Prusa MINI / MINI+

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