

Silica gel spool container

 gdrag

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Summary

Contains silica beads to store spools dry in a format that fits in the inner part of the spool.



1.51 hrs



1 pcs



0.30 mm



0.40 mm



PLA



21 g



Prusa
MK3S/S+ &
MMU2S

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Tags: [container](#) [silica](#) [desiccant](#) [perforated](#)

I redesigned from scratch my favourite silica container by Malolo.

I loved absolutely everything about it, except that it prints a little slow. I used horizontal slots so that it prints much faster with less retractions and hops. In 0,3mm layer height, it saves around an hour of print time and a couple grams of filament. (1,5 hours versus 2,5)

It is also my first time using [dans98's custom Fusion 360 threads for FDM printing](#), which gives nice presets for thread angles that suit FDM printing and easy to understand clearances. I recommend checking it out!

I made only the 50x50 as it is the one I use the most, but various sizes would be easy to adjust.

Print instructions

- No supports
- Print cap upside down
- 0,3mm layers work well
- Detect bridging perimeters

This remix is based on



Malolo's Silica Gel / Desiccant Containers

by Malolo

Model files



Source CAD

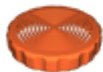
2 files



silica-container-v18.f3d



silica-container-v18.step



cap.stl

☐ Print upside down, universal



container_50mm.stl



container_75mm.stl



container_100mm.stl

Print files



silica_container_03mm_pla_mk3s mmu2s_1h31m.gcode

PLA 0.40 mm 0.30 mm 1.51 hrs 21 g

Prusa MK3S/S+ & MMU2S

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