



SUNLU dryer holder for Prusa MK3s

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[VIEW IN BROWSER](#)

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Summary

A holder for the SUNLU dryer box that snaps onto the frame of the Prusa MK3s.

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A holder for the SUNLU dryer that snaps onto the frame of the Prusa MK3s plus a filament guide.

Hints:

- Suggested PETG for strength, 0.2mm layers.
- Print the left holder. Then, in the slicer, mirror the holder along Z-Axis to create the right holder.
- Print the filament guide with support and in a way that the tube runs along X- or Y-axis. That way the layer marks are along the inner tube, minimizing resistance. In other words, don't print the tube vertical, i.e. along the Z-axis
- Rather obvious, do use a cable-tie closed loosely at the bottom of the two holders to keep them together. You don't want vibrations to separate them and drop your box...

Edit: As some reviewers say, yes, the holder puts the dryer at an angle where the spool no longer rests on both axles but on one axle and the heating plate. So there is friction between the spool and the heating plate. But that is not worse than the friction the original Prusa holder causes to

the inner wall of a spool. The holder was designed on purpose at this angle for 2 reasons. For one, ease the angle of exit of the filament through the hole – that's the point where the real friction is happening. And maybe even more importantly, to reduce stress on the holder. If it's placed almost horizontally I worry that with time the snap-in of the holder might give, especially if the printer is in an enclosure. In any case, there are modded holders in case you prefer a more horizontal positioning.

Model files



leftholder.stl



filamentguide.stl

[Find source .stl files on Thingiverse.com](#)

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