

Prusa mk3s/mk3s+ dust cover for stock extruder

 **motivierterSocke**

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Summary

A simple but fun dust cover to keep the filament path clean when the printer is not running.



N/A



2 pcs



0.20 mm



0.40 mm



PLA
PET



N/A



Prusa
MK3/S/S+

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Tags: [extruder](#) [mk3s](#) [cover](#) [dust](#)

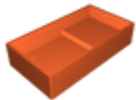
I modelled this aeroplane inspired dust cover to fit the stock mk3s / mk3s+ extruder with a comfortable fit. It slides on and gets off easily aswell. It does not interfere with any cables or screws, it cannot be put on when the extruder is at max z-height since it interferes with the metal frame. The protruding tab on the underside is a spacer to protect the cable of the filament sensor.

The cover is ideally printed at a .2mm layer height, so that if you want to use a different colour for the text you can do a simple filament swap at layers 3 and 5. To strengthen the walls and shorten the print time I suggest to use 3 wall perimeters.

I added a blank version of the cover aswell so that you can add text or graphics on your own.

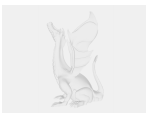
The provided gcodes work fine for me and include the mentioned layer swaps.

Model files



mk3s_extruder_dustcover_removebeforeprint.stl

☐ For best result please print at .2 layerheight and 3 wall perimeters



mk3s_extruder_dustcover_editable.f3d

☐ Editable Cover for Autodesk Fusion360

Print files



mk3s-extruder-dust-cover_02mm_pla_mk3s_1h48m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.80 hrs ⚖️ 24 g 🖨️ Prusa MK3/S/S+

☐ Prusament PLA with colourchange at layers 3 and 5



mk3s-extruder-dust-cover_02mm_petg_mk3s_1h44m.gcode

⚙️ PET ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.74 hrs ⚖️ 22 g 🖨️ Prusa MK3/S/S+

☐ Prusament PETG with colourchange at layers 3 and 5

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