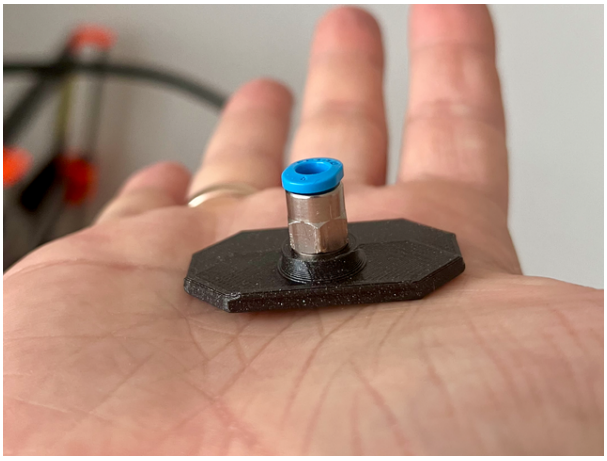
Printables by JOSEF PRUSA



Original Enclosure Top Front Opening PTFE Coupler Mount

Uko

VIEW IN BROWSER

updated 2. 8. 2023 | published 2. 8. 2023

Summary

Keep filament outside, and connect the other end of a PTFE tube with a coupler to the top front opening of the enclosure

0.22 hrs	1 pcs	0.20 mm	0.40 mm	PET	2 g	Prusa MK4

3D Printers > 3D Printers - Upgrades

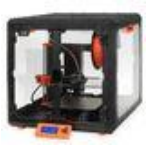
Tags: ptfetubemount ptfecoupler ptfetube ptfe prusaenclosure enclosureparts originalprusaenclosure bowdentube bowdenmount enclosuremodification enclousure bowdencoupler

Designed for the same QSM-M5-4 coupling that Prusa uses for the print head side.

ATTENTION: I found out that the springiness of the PTFE tube affects the first layer calibration of MK4 and ended up not using this approach to install a PTFE tube. But I suppose it can work absolutely well on MK3, and

maybe someone will figure out a good lemgth of the tube, or a similar instalation method that circumvents the issue. Of maybe the future software updates will ignore the error introduced by the tube.

This remix is based on



Enclosure Printable Parts

by Prusa Research

Model files

Slicer Project 1 file

top-hole-cover-w-bowden-coupler-print-setup.3mf

With more perimeters for the hole where the coupler is threaded

top-hole-cover-w-bowden-coupler-v1.3mf

Print files

top-hole-cover-w-bowden-coupler-print-setup_04n_02m... .gcode

PET 0.40 mm 0.20 mm 0.22 hrs 2 g Prusa MK4

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