



Ender 3 s1 PTFE adapter for filament sensor



olegadble

[VIEW IN BROWSER](#)

updated 8. 4. 2023 | published 8. 4. 2023

Summary

PTFE tube adapter.

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [filament](#) [ender](#) [ptfetube](#) [sensor](#) [ptfe](#) [ptfetubeorganizer](#) [ptfetubemount](#) [filamentsensor](#) [filamentrunout](#) [ender3](#) [filamentsensorcover](#) [align](#) [runout](#) [runoutsensor](#) [filamentsensormount](#) [ender3s1](#) [ptfetubeguide](#) [filamentsensorholder](#)

Constraints PTFE tube behind Ender 3 s1 filament sensor, so it doesn't have any chances to bend/break filament.

Versions:

- WITH **M6x0.8** thread, so you can use a fitting to fix the PTFE tube. I suggest you to print it with 0.15mm layer height.
- WITHOUT thread, if you don't want to use fitting. This version has a hole with a **diameter** of **3.98** mm. Print it with any layer height you like.

Mounting:

1. Insert **PTFE tube with filament** in this adapter;
2. Insert **filament** into **runout sensor**;
3. **Snap** adapter on the **back of runout sensor**. You should feel some force that holds it in place.

There you go! Hope you will have nice and easy experience using it :)

Model files

with-thread-m6x08.stl

without-thread.stl

License

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-ShareAlike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition