



Filament Dust Filter



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Summary

A remix of the legendary Sneakypoo's filament dust filter, with versions for different tolerances.

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Tags: [filter](#) [sponge](#) [filamentfilter](#) [spongeholder](#)

See also my other **remix with a magnet!**

This was probably one of the very first models I ever printed, and the design was (and still is, in my opinion) just perfect!

The issue with the original **Sneakypoo's model** was that the tolerances were far too loose for modern printers, causing the parts to come out wobbly. So, I made a remix with multiple tolerance options, allowing you to choose the one that best suits your setup.

Just cut out two small pieces of sponge and place one in each half. Now you can insert and remove the dust filter even with the filament already loaded.

Print-in-place with 0.20mm layer height or finer. I usually print T100 tolerance version in Prusament PETG on a Prusa CORE One with 0.40mm HF nozzle.

See also my other [remix with a magnet!](#)

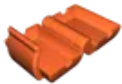
This remix is based on

Filament
Dust
Filter

Filament Dust Filter

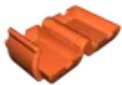
by [sneakypoo](#)

Model files



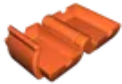
dust-filter-t050.stl

☐ Tolerance 0.05mm



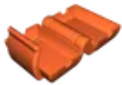
dust-filter-t075.stl

☐ Tolerance 0.075mm



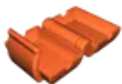
dust-filter-t100.stl

☐ Tolerance 0.10mm



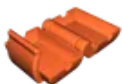
dust-filter-t150.stl

☐ Tolerance 0.15mm



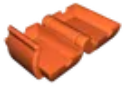
dust-filter-t175.stl

☐ Tolerance 0.175mm



dust-filter-t200.stl

☐ Tolerance 0.20mm



dust-filter-t250.stl

☐ Tolerance 025mm

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