



Damping foot - Voron 2.4



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Summary

A 3d printed rubber foot (2 pieces) for a voron 2.4 and other printers. Damping against vibrations.

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I experimented a bit with the feet of my voron 2.4 printer and my latest design consists of 2 parts: a harder outer shell for stability (PETG) and a damping inner part from TPU.

The hard shell can be mounted to the frame easily. The TPU core is just pressed into the shell and held inside by friction and the weight of the printer.

The TPU is a nice addition which works very good. But if you only want a simple foot then the shell will also work. That's what i previously used.

Printing:

Shell:

- 2 perimeters / 3 top and bottom layers/ 15% infill / 0.6mm nozzle / 0.3mm Layer height

Core:

- 2 perimeters / 3 top and bottom layers/ 10% infill / 1.2mm nozzle / 0.5mm Layer height

Model files



foot_core.stl

☐ TPU or other flexibles



foot_shell.stl

☐ PA12 or PETG worked well. Shouldn't be too stiff.

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