



Filament Color Swatch



orax

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Summary

A simple filament color swatch with space for a 24 × 35 mm label.

[3D Printers](#) > [Test Models](#)

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A dead simple **filament color swatch** that fits a 24 × 35 mm label **to document and organize your filament samples**.

My goal here was to create a really quick to print and easy to use way of documenting the different types of filament I bought over the years. I have been using some calibration cube to do so up to now but they had limited space to write informations on and took more than an hour to print.

I wanted to make something that could be **printed quickly** (in less than 30 minutes) while still being able to **hold enough information**, thus why this was designed to have a recess with enough **space for a 24 × 35 mm label** (which can be bought for really cheap, AVERY does sell them for 0.85€ for 56). It also feature a small opening to attach a keyring to it to use your filament swatches as keychains.

The model also has **multiple variations** that includes the type of filament shown at the top for the most popular types I have found. If the type of

filament you need is not available, do not hesitate to ask for it in the comment or create it yourself from the included Fusion 360 source file. The source file is also **parametric**, allowing you to update the model to accommodate any size of label you want to use.

The final model takes **20 minutes to print**, uses 1.5m of filament and measures **40 × 38 × 3 mm**.

Printing

The model should be printed with the flat side on the build-plate with 0.2 mm layer height and 20% infill.

- **Layer Height:** 0.2mm
- **Infill:** 20% (recommended)
- **Raft / Supports / Brim:** no
- **Seam position:** Aligned (recommended)

Remixes

I have made a couple of remixes of this project to add or showcase other features in the same form-factor:

- **NFC Color Swatch:** includes a pocket for a 25mm NFC tag sticker and an extra model with the NFC logo
- **Infill Swatch:** an infill sample library that keeps the same form-factor but uses the label opening to showcase different types of infill (these models do not have a keyring opening and have a smaller recess)
- **Infill Keychain:** a text-less version of the infill swatch library that keeps the original keyring opening

Changelog

- **V1.0** (2022-09-02): Initial release
- **V1.0** (2022-12-28): Update description
- **V1.1** (2023-04-16): Added PLA+ model

Model files





sample-tag.3mf

☐ Prusa Slicer project file



STL

13 files



sample-tag-blank.stl

☐ Swatch without text



sample-tag-pla.stl

☐ Swatch with text: PLA



sample-tag-petg.stl

☐ Swatch with text: PETG



sample-tag-abs.stl

☐ Swatch with text: ABS



sample-tag-asa.stl

☐ Swatch with text: ASA



sample-tag-flex.stl

☐ Swatch with text: FLEX



sample-tag-hips.stl

☐ Swatch with text: HIPS



sample-tag-pc.stl

☐ Swatch with text: PC



sample-tag-nylon.stl

☐ Swatch with text: Nylon



sample-tag-pvb.stl

☐ Swatch with text: PVB



sample-tag-wood.stl

☐ Swatch with text: WOOD



sample-tag-metal.stl

☐ Swatch with text: METAL



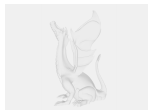
sample-tag-pla-plus.stl

☐ Swatch with text: PLA+



Fusion 360

1 file



sample-tag.f3d

☐ Fusion 360 source file

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