



Filament Swatch with Geometric Shapes



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Summary

Print swatches of your filaments for design planning!

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As a designer, I often use swatch books for fabric, paper, and other kinds of materials in my design process. I decided to make a swatch ring of all my filaments, so that I can see all the colors I have at once. There are lots of other great swatch designs out there, but I had a few specific requirements, so I decided to make my own.

My swatch design is divided into halves: at the top, flat area to show the basic color, and at the bottom, two areas of detailed relief and cutouts, to show how the material looks at different thicknesses. I wanted to keep the front of the design clean and free of text, so I'm adding the name of each filament on the back of each swatch with my label maker.

The dimensions of the swatch are 32mm x 70mm x 3.5mm.

Print Settings

Printer Brand:

Creality

Printer:

CR-10S

Rafts:

No

Supports:

No

Resolution:

0.2mm layer height

Infill:

10%

Notes:

After these first initial prints, I enabled 1 top surface skin layer in my slicer (Cura), for a smoother top.

Category: 3D Printing

Model files

filament_swatch.stl



[Find source .stl files on Thingiverse.com](#)

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