



Rolodex Compatible Filament Swatches (OpenSCAD)

 3D Printy

[VIEW IN BROWSER](#)

updated 8. 11. 2022 | published 8. 11. 2022

Summary

There highly customizable filament swatches that are compatible with Rolodexes!

[3D Printers](#) > [Accessories](#)

Tags: [customizable](#) [filament](#) [filamentswatch](#) [openscad](#)
[rolodex](#)

There highly customizable filament swatches that are compatible with Rolodexes!

Don't have a rolodex? Print one!

<https://youtu.be/Cnv59R2LXv0>

How do I customize this?

This is an **OpenSCAD** project. OpenSCAD is a script-based modeling software specifically created for projects like this that need to be customizable.

If you're new to the program, it may look strange at first, but most of the work is just typing values into a form or selecting customization options from a dropdown list. **You do not need to know any programming or write a single line code to use OpenSCAD.**

Once you've entered everything you need, you can export an STL file for printing. [Here's a helpful video that walks through the entire process!](#)

Fonts

Openscad can use almost any font installed on your computer!

- Select **Font List** from the **Help** menu.
- Copy the font you want into the appropriate field (remove any surrounding double quotes)

By default, the file uses the Liberation Sans font which comes with OpenScad.

Customization Options

Parts

Which parts to print: All, Card, or Spacer

Card Width

How wide the swatch is.

Card Height

How tall the swatch is.

Card Margin

How much space is between the edge of the swatch and the text (top and left edges)

Spacer Width

How wide the spacer is.

Spacer Height

How tall the spacer is.

Card Corner Radius

How rounded should the corners on the swatch and/or spacer be.

Card Hole Offset

How far from the center of the swatch should the Rolodex holes be. Measure to the center of the Rolodex holes.

Card Holes

[Checkbox] Uncheck this to completely disable Rolodex holes.

Ring Hole

[Checkbox] Check this to add a keyring hole to the swatch.

Star

[Checkbox] Check this to add a star indicator on the swatch.

Layer Height Preview

[Checkbox] Check this to add a preview of the swatch at different thicknesses.

Bridging Test

[Checkbox] Check this to add a bridging test to the back of the card.

Line Margin

Determines how much space is between each line of text.

Line 1 Font, Line 2 Font, Line 3 Font, Line 4 Font, Spacer Font

Individual font settings for each line of text.

Line 1 Font Size, Line 2 Font Size, Line 3 Font Size, Line 4 Font Size, Spacer Font Size

Individual font size settings for each line of text.

Line 1 Font Size, Line 2 Font Size, Line 3 Font Size, Line 4 Font Size, Spacer Font Size

The actual text for each line.

Spacer Bump Height

Adds extra thickness to the spacer.

Updates

Additional options have been added!

- Set custom swatch thickness (up to 4mm!)
- Center text (per-line)
- Alter text offset

Added option to render just the card or just the text. Export the results separately for multicolor printers.

Can I sell copies of this?

Yes! This project was shared under the [Creative Commons - Attribution](#) license.

This license allows selling copies, but you must provide proper attribution, as detailed in the license itself.

Please note that any other projects linked here (remixes or related projects) may have a different license. Please respect those licenses.

[Click here for attribution examples](#)

Model files



rolodex-filament-swatch.scad

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

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