



## FCS Blank Chip



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## Summary

The Filament Color System (FCS for short) allows you to produce reference chips for materials you print.



0.77 hrs



1 pcs



0.30 mm



0.40 mm



PLA



11 g



Crealty  
Ender 3 V2

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

The Filament Color System (FCS for short) allows you to produce reference chips for materials you print. These chips are blank so you can customise them however you see fit for your needs. [The standard color chips can be found here.](#)

## Features

1. Easily determine texture for the top/bottom surface of past prints.  
Each chip has the texture debossed onto the top face.
2. Each chip is 48.2mm x 48.2mm x 2mm.
3. Each chip is 4g of material. Minimal material used and takes ~30min to print.
4. Two thicknesses allow you to get a sense of opacity of each color.

5. 4mm hole allows chips to be attached to a keychain or piece of string forming a color pallete.

## Frequently Asked Questions

**Why not use one of the dozens of material chips already on printables/thang/thingiverse?**

I wanted each chip to have sufficient information to determine the specific material and reorder it. This is possible by having both the debossed brand and material on each chip. I wasnt able to find a collection of chips elsewhere that had this.

**You are missing Brand/Material X!**

Leave me a comment and I'll add it! There are ALOT of materials and brands out there. I have added the ones I am aware off but always happy to add more.

**Why dont the chips have the color debossed into them?**



Primarily because that would result in a magnitude more files to manage and require scrapping alot more data.

Secondly, most people can see the color of each chip. So outside of a few rare cases where a single brand has 2 similair colors of the same material, it shouldnt be an issue.

## Print instructions

All models should be sliced with your preferred material settings, 10% infill, no supports.


## Chips


Description	Image	
FCS Color Chip	A simple color chip	
FCS Texture Chip	A simple texture chip (Coming Soon)	
FCS Infill Chip	A simple infill chip	
FCS Blank Chip	A blank chip. Make your own custom chips.	


## Accessories


Description	Image
FCS Label Mounting Solution	Use this to label what filament is stored in your dry box, Ikea samla or where ever else you want to label filament.
FCS Label Stand	Use this to see what material you have loaded via a camera feed.
FCS Storage Box	A simple self contained solution for storing FCS chips.
FCS Gridfinity Storage Solution	Two storage tray designs to store your FCS chips in your <b>Gridfinity</b> setup.
FCS ALCH Storage Solution	A simple storage tray design to store your FCS chips in your <b>ALCH</b> setup.
FCS Skadis Storage Solution	A simple storage tray design to store your FCS chips in your <b>Skadis</b> peg board.

## Model files

 **Version A - With Step** 3 files

 **fcs-blank-chip-version-a.3mf**

 **fcs-blank-chip-version-a.step**

 **fcs-blank-chip-version-a.stl**



## Version B - Without Step

3 files



**fcs-blank-chip-version-b.step**



**fcs-blank-chip-version-b.stl**



**fcs-blank-chip-version-b.3mf**

## Print files



**fcs-blank-chip\_46m\_03mm\_205c\_pla\_ender3v2.gcode**

🌀 PLA 📏 0.40 mm 📏 0.30 mm ⌚ 0.77 hrs ⚖️ 11 g 🖨️ Creality Ender 3

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