



Beer Can Lid/Soda Can Lid/Bug Cover (no supports needed)



EcoDad

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Summary

Use this lid to keep bugs & bait out of your canned beverage. Reusable lid snaps onto 12oz cans with a sliding cover.



1.53 hrs



2 pcs



0.20 mm



0.40 mm



PLA



17 g



Prusa
MK3/S/S+

[Household](#) > [Outdoor & Garden](#)

Tags: [beer](#) [can](#) [lid](#) [party](#) [fishing](#) [pop](#) [soda](#)

Updated - July 7, 2024 - added Narrow Can Lid

Whether you are out fishing or partying in the back yard, keep stuff out of your beverage can with this snap-on lid.

Updated - July 6, 2024

Redesigned version 2 released after extensive testing with friends.

Version 2 Features/Improvements

1. Enhanced for printability - overhanging fillets changed to chamfers
2. Mouth Opening widened from 90 degrees to 120 degrees
3. Slot updated and resized
4. Font changed for text

Snap-on can lid with sliding cover

Designed to snap onto a standard 12oz beverage can, this lid will keep bugs and other things out of your beer or soda when you are not drinking it. Simply slide the cover over the opening in the can when you are not drinking your beverage. The lid has a snug fit so it will not accidentally rotate on you while you are drinking like some other can lids I've tried.

Identify your drink by using your slicer to engrave your name (or ask in the comments and I'll try to model it on an arc for you). Another option is to have a bunch of lids in different colors for the party. Like you needed a reason to buy another spool of filament :-)

Custom Names Version 2 available:

- Chad, Jack, Alicia, Chris & Jon

Put your name in a comment if you want me to create a custom lid for you.

Custom Names Version 1

- Alicia, Brenda, Chris, David & Eliot lids in the Custom Names on Lids folder

Printing Instructions

- Print in **PLA or PETG** (PLA is easier, though PETG will be more heat resistant out in the sun or in your car and is more flexible)
- Print the lid with the large flat surface down and the sliding cover with the posts sticking up so that **No Supports** are needed.
- I recommend a layer height of **0.2mm** (with a 0.4mm nozzle)
- If printing text with multiple colors, **add a color change at 0.6mm** (3rd layer) to your print as the text is engraved 0.4mm.
- You can print the sliding cover and the can lid at the same time or separately if you want to mix and match colors.
- I recommend about **15-20% gyroid infill** for strength, though most of the print will be walls and solid layers.

Assembly Instructions

1. After printing, put the rounded post through the curved grove opposite the opening
2. Line up the center post
3. Apply firm pressure to snap it together (The snap fit should allow easy sliding of the cover and stay together)

Usage Instructions

1. Open your can
2. Snap the can lid onto the top of your can
3. It will take a little force to get the 3 hooks over the rim of the can
4. Rotate the can lid so that the opening in the lid is over top of the opening in the can
5. Slide the cover out of the way to drink and back after you are done
6. Sip and enjoy!

Model files

 Custom Names Version 2		7 files
	chad-can-lid-v2.3mf	
	jack-can-lid-v2.3mf	
	jon-can-lid-v2.3mf	
	chris-can-lid-v2.3mf	



alicia-can-lid-v2.3mf



tom-can-lid-v2.3mf



niklas-can-lid-v2.3mf



Original Design Version 1

5 files



sliding-cover.stl

☐ fits all lids



sliding-can-lid-no-text.3mf

☐ full set with no text ready to print



sliding-can-lid-gone-fishing.3mf

☐ full set with "Gone Fishing" across the top



snap-lid-notext.stl

☐ no text on this lid



gone-fishing-snap-lid-2-layer.stl

☐ snap lid with "Gone Fishing" across the top



Custom Names on Lids (Original Design)

6 files



snap-lid-jon.3mf

☐ print with name down



snap-lid-chris.3mf

☐ print with name down



snap-lid-david.3mf

☐ print with name down



snap-lid-alicia.3mf

☐ print with name down



snap-lid-brenda.3mf

☐ print with name down



snap-lid-eliot.3mf

☐ print with name down



sliding-cover_v2.stl

☐ New Improved Design



can-lid-v2.stl

☐ New Improved Design



can-lid-gone-fishing_v2.stl

☐ New Improved Design



sliding-cover_narrow_v2.stl



can-lid_narrow-v2.stl



stella-artois-narrow-can-lid-version-20.3mf

☐ needs to be split into parts and lid flipped to print

Print files



Original

1 file



sliding-can-lid-gone-fishing_02mm_pla_mk3s_42m.gcode

PLA 0.40 mm 0.20 mm 0.70 hrs 8 g Prusa MK3/S/S+

☐ includes a color change at 0.60mm



gonefishing-can-lid-ver2_02mm_pla_mk3s_50m.gcode

PLA 0.40 mm 0.20 mm 0.83 hrs 9 g Prusa MK3/S/S+

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