Can Lid (Soda, Water, Beer, etc.)

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VIEW IN BROWSER

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Summary

Flexible lid for re-sealing open aluminum cans. Helps reduce escaping carbonation/fizz. Also keep insects out on picnics

Household > Kitchen

Tags: kitchen beer water can lid fridge refrigerator cap supportless hat model shield flexible tpu cover seal pop top practicalprint practical outdoor fastprint soda softdrink aluminium kitchentool coke practicalhousehold sodacan flexiblefilament beercan tpufilament insect picnic canlid beverage supportfree energydrink airtight watercan cokecan energydrinkcan popcan

Update

I am working on a slightly modified version that will work better with Bambu Lab's “TPU for AMS” - which is a harder plastic than standard TPU. While the use of this new flavor of TPU is probably more applicable to Bambu Lab users, I did want to note it here as well. Coming very soon!

Timing and progress can be found here if you are interested. If you are using standard TPU, you can ignore this.

Quick and Simple

Simple and fast print (under 30 minutes with 'standard' speed printers and under 20 with something like a Bambu Lab even with TPU. **No supports needed**.

While this can be printed with any filament, I strongly suggest TPU. The flexibility of TPU offers a better seal and improved usability. Win-win.

Why this print is useful

We have a family member who opens a can of carbonated water, drinks part of it, then puts it back in the fridge. And of course a few hours later, when she returns to finish it, it is invariably completely flat.

Made this simple cap to help slow down the carbonation loss.

This fits many different aluminum cans (some samples posted here). Soda, carbonated water, beer and many energy drinks.

Another use: keep flies, bees and other insects out of your open soda or beer cans at a picnic or other outdoor activities!

Variations

Standard Fit

The “classic” fit. Not as airtight as the version below but the size is a compromise between easy usability on-off and airtightness. TPU seals better than harder plastics. My personal recommendation is to start with this one before trying the extra tight one to see which you prefer.

Available with and without a “hook hole” - a small hole in the “pull tab” to allow for hanging on a small hook for organization.

Extra Tight Fit

Added a version that is pre-scaled down to be even tighter. If you use this version, you will almost definitely want to use TPU if you weren't already planning to. It is a (little) bit harder to get onto the can though. Available with and without a hook hole.

Multi-cap photo courtesy (and used with permission of) **@milfordoj.**

Post Your Makes / Follow Me / Check my Other Models

Post your makes and earn your Prusameters!

If you haven't seen my other models, check them out. There are a variety of other practical prints you might be interested in. And if you'd like to follow me, that'd be appreciated. I am working on several new models.

And of course if you like this model, throw me a like.

Model files

standard-fit.stl

Recommended to print in a flexible material like TPU

standard-fit-with-hook-hole.stl

Recommended to print with TPU. Includes a small hole for hook hanging

extra-tight-fit.stl

HIGHLY recommended to print in a flexible material like TPU.

extra-tight-fit-with-hook-hole.stl

HIGHLY recommended to print in a flexible material like TPU. Includes a small hole for hook han

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