



Can For The Can

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[VIEW IN BROWSER](#)

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Summary

A protection case for aluminum cans of common sizes (250ml, 500ml) for better protection in your backpack



11.85 hrs



4 pcs



0.15 mm



0.40 mm



PLA



97 g



Prusa
MK3/S/S+

[Household](#) > [Other House Equipment](#)

Tags: [can](#) [drink](#) [protection](#) [pencilholder](#) [backpack](#)
[pencilcase](#) [beverage](#) [aluminumcan](#)

If you don't trust the alumini(m)um can itself to hold up in harsh environments like your backpack, this is the print for you! **Or you need a pencil case you can close, the 500ml can for the can might fit you, too. I use this for my examens at the university.**

I had this problem a few times now, a leak in a full aluminium can, inside my backpack. Not partikular nice considering my laptop was in there, too. Therefore, I thought how I could solve this issue and protect my stuff from damage ...or may be the can itself... . I came up with a can for the can.

Here you can find different models that fit common aluminium can sizes.
For now:

250ml Cans like those from RedBull

500ml Cans like those from MonsterEnergy, Beer and Äbbelwoi

I provided gcode for the models with a layer Hight of .15mm however, I recommend an even finer layer Hight for smooth threads.

As I don't have any experience with ABS or ASA and its acetone vapor smoothing process I am curios if someone want to try this and give some feedback. Also, I have not tried the chamfered version, but this should need a really fine layer Hight, too.

Model files



250ml can for the can chamfered (not tested yet)

2 files



250ml-cap-chamfered.stl

☐ for redbull



250ml-base-chamfered.stl

☐ for redbull



500ml can for the can

2 files



500ml-cap.stl

☐ Beer; Monster Energy; Äppler



500ml-base.stl

☐ Beer; Monster Energy; Äppler



250ml can for the can

2 files



250ml-cap.stl

☐ Redbull



250ml-base.stl

☐ Redbull

Print files



500ml can for the can

2 files



500ml-base_015mm_pla_mk3_13h33m.gcode

PLA 0.40 mm 0.15 mm 13.56 hrs 115 g Prusa MK3/S/S+



500ml-cap_015mm_pla_mk3_5h25m.gcode

PLA 0.40 mm 0.15 mm 5.41 hrs 47 g Prusa MK3/S/S+



250ml can for the can

2 files



250ml-base_015mm_pla_mk3_6h52m.gcode

PLA 0.40 mm 0.15 mm 6.87 hrs 55 g Prusa MK3/S/S+



250ml-cap_015mm_pla_mk3_4h59m.gcode

PLA 0.40 mm 0.15 mm 4.98 hrs 42 g Prusa MK3/S/S+

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