

End cap / lid for profile



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Summary

this cap closes an extruded profile (6cm x 4cm) and avoids injuries from sharp edges



1.46 hrs



1 pcs



0.15 mm



0.40 mm



ASA



10 g



Prusa
MK3/S/S+

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[profile](#) [endcap](#) [extrudedaluminum](#) [campervan](#)

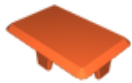
A friend of mine is currently working on his camper van. He used some extruded aluminium profiles and needs to cover them somehow. Instead of purchasing expensive covers, we decided to design our own, print them out of ASA and glue them in place.

The profile measures: 60mm x 40mm and 3mm material strength
The inner "space" measures therefore: 54mm x 34mm

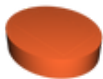
Printing this cover is quite easy, place it on it's back and choose the settings you like. I printed it with 0.15mm, 33% infill and 3 perimeters, but this is definitely overkill for the job it's supposed to do.

I added a second file with windshield and a single layer baseplate with a little gap to increase bed adhesion in case you encounter some difficulties printing with ASA...

Model files



profile-lid.stl



profile-endcap.stl

☐ with windshield and baselayer for bed adhesion

Print files



profilelid_015mm_asa_mk3s_1h28m.gcode

ASA 0.40 mm 0.15 mm 1.46 hrs 10 g Prusa MK3/S/S+

☐ with windshield and baselayer for bed adhesion

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