



Foldable lid for GN 1/4 containers - coffee / food storage



transformat

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updated 8. 3. 2025 | published 8. 3. 2025

Summary

Store your coffee, food or bio trash closed in affordable Gastronorm stainless steel containers

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Foldable lid for GN 1/4 containers - coffee / food storage

The **Gastronorm standard** allows **affordable containers** made of stainless steel but lacks a foldable lid. So I made my own which is closable, sturdy and can be removed easily.

As it does not come into direct contact with the contents, there should be no health hazards due to the plastic material.

The frame has two parts that slide onto the edges of the container and lock (snapfit).

Printing

- you need a 20x25 cm or bigger print bed! (i.g. regular prusa/bambu)
- no supports

- I used a fast print profile with 0.6 mm nozzle due to impatience :)
- about 4 h print time with bambu a1
- **PETG recommended for all smaller parts for flexibility**

Assembly

- **See last image**

Model files

 **3mf** 3 files

 **gn_lid.3mf**

 **gn_frames.3mf**

 **gn_smallerpartspetg.3mf**

 **stl** 8 files

 **gn_lid.stl**

 **gn_back.stl**



gn_front.stl



gn_clamp.stl



gn_2clamps_cutsupport.stl



gn_bolt.stl



gn_snaplevers.stl



gn_joints.stl

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