



## PolyBox upgrade to PolyBox Edition II



Third Dimension

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### Summary

Upgrade your original PolyBox to PolyBox version 2 with a tiny bit of filament using vase mode, a 0.05 gram print.



0.02 hrs



1 pcs



0.25 mm



0.40 mm



PLA



1 g



Prusa MINI /  
MINI+

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This model is created with modifiers in PrusaSlicer and fits 8 mm holes. Print it using vase mode and 2 bottom layers. Friction fit placement, no glue needed.

All my models are free to download and remix.

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Polymakers PolyBox is a dry storage box designed to provide the optimum environment for 3D printing filaments. The PTFE tubes were originally mounted in the lid of the PolyBox. Polymaker has updated their PolyBox to

PolyBox Edition II. In version II, the PTFE tubes are mounted in the bottom. This makes changing filament a lot easier! Buying a new PolyBox is quite expensive, so I designed a vase mode print that fits exactly in the original 8 mm holes and creates an almost airtight seal.

How to upgrade:

Step1 : Remove the original PTFE tubes and rubber plugs gently from the lid. Push the printed plugs inside the lid from the inside. The bigger flat rim of the printed part should be inside the lid. The hollow part of the print should face outward. The bigger rim prevents the plugs from being pushed out of the holes by the air pressure when placing the lid on the box.

Drill 1 to 3 of 8 mm holes in the black base and move the original rubber plugs and PTFE tubes to the holes. The holes should be drilled about 15-20 mm above the black inside grid.

Done!

## Model files



**polybox\_upgrade\_to\_edition\_ii.3mf**

## Print files



**polybox\_upgrade\_to\_edition\_ii\_025mm\_pla\_mini\_1m.gcode**

🌀 PLA 🌀 0.40 mm 🌀 0.25 mm 🕒 0.02 hrs 📊 1 g 🖨️ Prusa MINI / MINI+

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