



Portabottiglie Spray per Anta dell'Armadio - Senza Foratura



Engineering Projects

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Summary

Portabottiglie Spray per Anta dell'Armadio – Senza Foratura

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Description

Keep your cleaning spray bottles organized and easily accessible with this simple and practical **3D-printable Cabinet Door Spray Bottle Holder**.

I designed this model and printed the prototype using **Bambu Lab ABS filament**. The holder is designed to hang directly over the top edge of a cabinet door, so **no drilling or screws are required**.

Three separate versions are included to fit different cabinet door thicknesses:

- **19 mm**
- **22 mm**
- **25 mm**

The corresponding door thickness is incorporated directly into each model, making it easy to identify which version you have printed.

The holder features a **30 mm opening** for the neck of the spray bottle and is designed to work with many common household cleaning spray bottles.

Secure installation

The holder can simply be placed over the cabinet door. For additional stability, especially when frequently removing and replacing heavier bottles, you can add **a small drop of strong adhesive** between the holder and the door.

Alternatively, **double-sided adhesive tape** can be used.

The rear retaining bracket extends approximately **10 mm**, providing enough contact area for double-sided tape while helping the holder remain securely positioned on the cabinet door.

Recommended material

The model can be printed in **PLA or ABS**, although I personally recommend **ABS** for this application.

My prototype was printed in **Bambu Lab ABS** because its toughness and durability make it well suited for a functional part that repeatedly supports the weight of a cleaning bottle.

The ABS version shown in the photos has been **in real-world use for more than one month and continues to support the load without problems**.

Main specifications

Door thickness: 19 mm / 22 mm / 25 mm

Bottle opening: 30 mm

Rear bracket length: approximately 10 mm

Recommended material: ABS

Also printable in: PLA

Installation: over-door mounting; no drilling or screws

Optional extra fixing: small amount of adhesive or double-sided tape

This is a simple solution for making better use of the unused space behind or inside a cabinet door while keeping cleaning products organized and within easy reach.

Note: Please measure the thickness of your cabinet door before printing and select the corresponding 19 mm, 22 mm, or 25 mm version.

Model files



cabinet-door-spray-bottle-holder-19mm.3mf



cabinet-door-spray-bottle-holder-22mm.3mf



cabinet-door-spray-bottle-holder-25mm.3mf

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