ORIGAMI Vases

Small & Large Version

The **ORIGAMI vase** follows the folded, geometric language of the ORIGAMI collection. Its faceted surface creates a sculptural object that works beautifully on its own or with flowers. Designed primarily as a decorative vase, with optional solutions for holding water.

The set includes **two vase sizes** and **optional printable waterproof inserts**.

📐 Dimensions

- **Small vase:** 140 mm height
- **Large vase:** 220 mm height

Insert / tube compatibility:

- **Small vase:** fits a glass tube Ø 20 mm × 150 mm

USA link: https://amzn.to/4mPdVaa

EU link: https://amzn.to/4mKyJPJ

- **Small & large vases:** optional **3D-printable waterproof inserts**
  - Small insert: **Ø 20 mm**
  - Large insert: **Ø 40 mm**

🖨️ Recommended 3D Printing Settings

Vases (small & large)

- Layer height: **0.2 mm**
- Infill: **10–15% gyroid**
- Supports: **Not required**
- Wall lines: **default printer settings**

Vases are decorative shells and are **not watertight by default**.

💧 Waterproof Options

You can use fresh flowers with one of the following solutions:

Option 1 – Glass Tube (Small Vase)

- Glass tube Ø 20 mm × 150 mm
- Fully waterproof, simple drop-in solution

Option 2 – Printable Waterproof Inserts

- Available in **Ø 20 mm** and **Ø 40 mm**
- Compatible with **small and large vases**
- Must be printed in **PETG**

🖨️ Waterproof Insert – PETG Printing Settings

- Material: **PETG (required)**
- Layer height: **0.16–0.2 mm**
- Print mode: **Vase mode – enabled**
- Smooth vase: **Enabled**
- **Line width (outer wall & top surface): 0.65 mm**
- Top & bottom surface pattern: **Concentric**
- Flow ratio: **1.01–1.02**
- Cooling: **Max 30% or completely off (0%)**

Proper calibration is essential for watertight results. Always test before final use.

🌱 Material Notes

- PLA is suitable for decorative vase bodies
- PETG is required for water-holding inserts
- Waterproof performance depends on printer calibration and material quality

💬 Questions or Feedback?

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🧠 Join the Community:

https://discord.gg/SagnAaCgHF