CHAMBER DOOR

REVO OS

System version 1.4.33 · November 2026

Revon printers: Belt 350 · 600×600×400 · 600×600×600 · 1200×600×500



REVON BELT

350 × 350 × 300 mm · pas

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Chamber door: open or closed?

It depends on the material. The machine reminds you, but it helps to know why.

material	door	why
PLA, TPU	**open**	Above about 40°C in the chamber, PLA softens in the cold part of the head and clogs the nozzle.
PETG	**ajar for longer prints**	Tolerates more heat, but above about 50°C the risk of clogging grows.
ABS, ASA	**closed**	A warm chamber limits shrinking and layer cracking.
PA (nylon), PC, composites	**closed**	They need a high, stable temperature; a draught causes lifting and cracks.

Screen messages

- **"Printing PLA – we recommend an open door"** – at the start of PLA and TPU prints.
- **"Chamber 52° · PETG – we recommend an open door"** – when the chamber passes the threshold during a print.
- **"Chamber 71°"** – above 70°C, with any material. The print continues and the event goes into the service report. Check that the chamber ventilation works.

The machine does not stop a print because of chamber temperature. The decision is yours.