MATERIALS

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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Materials – quick overview

Indicative values. The Orca Slicer profiles prepared for your machine are binding (Revo Library → Profiles).

material	nozzle °C	bed °C	chamber	nozzle	drying
PLA	200–220	55–65	door open	brass	45–50°C, 4–6 h, when damp
PETG	230–250	70–85	ajar	brass	60–65°C, 4–6 h
ABS	240–260	95–110	closed, warm	brass	70–80°C, 4 h
ASA	245–265	95–110	closed, warm	brass	70–80°C, 4 h
TPU	220–240	40–60	door open	brass, slow	50–55°C, 6 h
PA (nylon)	260–290	80–100	closed, warm	steel / tungsten	70–80°C, 8–12 h, **always before printing**
PA-CF / PA-GF	270–300	80–100	closed, warm	**hardened steel / tungsten**	80°C, 8–12 h, **always**
PC	270–300	100–120	closed, warm	steel / tungsten	80°C, 8 h
PETG-CF / PLA-CF	base +5–10	as base	as base	**hardened steel**	as base

Keep in mind

- **Fibre composites wear the nozzle and extruder** several times faster. The machine counts their wear separately so service knows when to plan a replacement.
- **Nylon and PC absorb moisture from the air within hours.** Damp filament crackles, foams and gives weak, porous prints. Print from a dryer.
- **ABS and ASA give off fumes.** Print in a closed chamber, in a ventilated room.
- **First layer** – a clean bed, no grease from fingers. Use a release agent with PETG (e.g. glue stick), as it can tear a piece of the plate surface.