

Use a dedicated support filament for clean, damage-free removal. Same-material supports are a fallback — not a recommendation.

Part Material	Best Support	Alternative	Notes
STANDARD MATERIALS 5 items			
PLA	Bambu Support for PLA/PETG	PVA (dissolvable)	Dedicated breakaway for best results.
PETG	Bambu Support for PLA/PETG	PLA (budget workaround)	Dedicated support >> PLA workaround.
ABS	Bambu Support for ABS	HIPS (limonene-soluble)	Enclosed chamber required.
ASA	Bambu Support for ABS	HIPS (limonene-soluble)	Same approach as ABS.
TPU	Bambu Support for PLA/PETG	Same-material	Flexible parts make removal harder.
ENGINEERING MATERIALS 6 items			
PA12 / PA6	Bambu Support for PA/PET	Same-material	Dedicated support now available for Nylons.
PA6-CF / PAHT-CF	Bambu Support for PA/PET	Same-material	Hardened nozzle required for both materials.
PA-GF	Bambu Support for PA/PET	Same-material	Glass fibre reinforced — hardened nozzle.
PET-CF	Bambu Support for PA/PET	Same-material	Dedicated support now available.
PC (Polycarbonate)	Bambu Support for ABS	Same-material	High temps — limited options.
PPA-CF	Same-material	—	Very high temps — no dedicated support yet.
DISSOLVABLE SUPPORTS 4 items			
PVA	PLA, PETG	Water	Dissolves in warm water. 2–12 hrs. Very hygroscopic.
HIPS	ABS, ASA	Limonene	Dissolves in d-limonene. 4–24 hrs. Flammable solvent.
PolyDissolve S1	PLA, TPU	Water	Better moisture resistance than generic PVA.

Support Material Compatibility

What Works Against What — Recommended Support Filaments

Part Material	Best Support	Alternative	Notes
PolyDissolve S2	Nylon, higher-temp	Water	Extended temp range for engineering materials.
DEDICATED BREAKAWAY FILAMENTS 7 items			
Bambu Support for PLA/PETG	PLA, PETG	Mechanical peel	Clean peel-off. No dissolving needed.
Bambu Support for PLA	PLA only	Mechanical peel	New Edition — optimised for PLA specifically.
Bambu Support for ABS	ABS, ASA, PC	Mechanical peel	Enclosed chamber recommended.
Bambu Support for PA/PET	PA, PA-CF, PET-CF, PA-GF	Mechanical peel	Engineering Nylons and PET. Hardened nozzle.
Polymaker PolySupport	PLA, PETG	Mechanical peel	Good non-Bambu dual-extrusion option.
Ultimaker Breakaway	PLA, PETG, Nylon	Mechanical peel	Optimised for Ultimaker systems.
eSUN eBreak	PLA, PETG, ABS	Mechanical peel	Budget-friendly breakaway option.