

eSUN PLA+ filament Black 1.75 mm, 3 kg spool

Code: MIC17925IT · MPN: PLA+175B3B1 · EAN: 6922572240018 · Brand: eSun



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€ 68.90

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- Made-to-order product: ships in 5-10 working days.
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eSUN PLA+ filament in Black, 1.75 mm, on 1, 3 or 5 kg spools, on a 1 kg eSpool+ spool or as a 1 kg refill. It is tougher than standard PLA and prints at 210-230 °C.

eSUN PLA+ filament Black 1.75 mm is a PLA with enhanced physical properties. It is designed for makers who want sturdy parts with the convenience of printing PLA. Solid black is a versatile choice for functional components, prototypes and understated objects. High-capacity formats are also available for longer prints.

Why choose it

- **Stronger and tougher:** its mechanical properties exceed those of standard PLA, so prints are less prone to breaking.
- **Excellent layer adhesion:** layers bond well together, giving solid, compact parts.
- **Heated bed optional:** it can be printed without a heated bed; if one is available, a moderate temperature is enough.
- **Formats for every need:** 1, 3 and 5 kg spools, a 1 kg eSpool+ spool or a 1 kg refill without spool.
- **Plant-based:** it is produced from starch-rich raw materials derived from renewable plant sources.
- **Vacuum-sealed packaging:** the filament arrives sealed, shielded from dust, dirt and moisture.

Technical specifications

- **Material:** PLA+ (enhanced PLA)

- **Brand:** eSUN
- **Colour:** Black
- **Diameter:** 1.75 mm
- **Net weight:** 1 kg, 3 kg or 5 kg, depending on the variant
- **Format:** spool (1, 3 or 5 kg), eSpool+ spool (1 kg) or refill without spool (1 kg), depending on the variant
- **Recommended nozzle temperature:** 210–230 °C (about 20 °C higher than standard PLA)
- **Recommended bed temperature:** 45–60 °C (heated bed not required)
- **Manufacturer code:** PLA+175B1P1 (1 kg spool), PLA+175B3B1 (3 kg spool), PLA+175B5B1 (5 kg spool), PLA+175B1RS1 (1 kg eSpool+ spool), PLA+175B1R1 (1 kg refill)

Printing tips

- Print hotter than standard PLA, within the 210–230 °C range. Use a temperature tower to find the ideal value.
- If using a heated bed, set it to 45–60 °C and keep the surface clean for good first-layer adhesion.
- For 3 kg and 5 kg spools, check that the printer's spool holder can take their size and weight, or use an external holder.
- After use, store the filament in its original bag or a filament box in a cool, dry place. Secure the loose end in the holes on the spool rim.
- Fit the refill onto a suitable reusable spool before use. If the printer will be idle for several days, unload the filament from the nozzle.

Compatibility

FDM 3D printers using 1.75 mm filament: according to the manufacturer, PLA+ is compatible with most models.

Package contents

- 1 spool or 1 refill without spool of PLA+ filament, in the format and weight of the variant chosen

Print results

Print quality depends on the printer and its calibration, the profiles and settings used, how the filament is stored and the user's experience. The temperatures and parameters given are the manufacturer's starting values: tests and adjustments are the buyer's responsibility and at the buyer's expense. Failed prints or material used up because of unsuitable settings or hardware are not product defects.

Returns and withdrawal

The filament is vacuum-sealed because it absorbs moisture from the air. The right of withdrawal (14 days, consumers only) applies when the spool is returned with its **vacuum packaging intact and sealed**. An opened package can no longer be sold as new: in that case the refund is reduced by the loss in value of the product (Art. 57(2) of the Italian Consumer Code). Purchases made with a VAT number are not eligible for withdrawal. The legal warranty for defective products always applies.

Notes

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