

Before you print your STL

A one-page checklist for a one-off part, prototype or small batch. Keep it beside your model before getting an estimate.

01 Open the exported file

Reopen the STL in your modelling or slicing software. Check every intended component is present and the export is the correct revision. PartPact accepts STL files, not photos, CAD source files or links.

02 Confirm the size

STL files do not reliably label their units. Check the displayed dimensions in millimetres against the intended object. Correct an export that is ten or 1,000 times too large or small.

03 Check the mesh and fit

Look for missing surfaces, overlapping or unwanted bodies and geometry that cannot be printed. For mating parts, check clearances in your design; a print estimate does not certify the fit.

04 Choose material and settings

PLA suits many indoor prototypes and organisers. PETG can suit tougher non-critical parts. Standard 0.20 mm layers and 15% infill are PartPact's starting preset; finer layers or more infill can raise cost and do not guarantee strength.

05 Count the complete set

Upload up to 12 STL files, up to 40 MB combined. Quantity repeats the whole uploaded set, using shared material and settings. Confirm every component before increasing the quantity.

06 Check permission and suitability

Use a model you created or have permission to reproduce, including any licence terms. Exclude medical, food-contact, vehicle-safety, mains-electrical, weapon and other safety-critical parts. Avoid personal details or secrets in filenames.

07 Review the estimate and next steps

Check printing, delivery, service fee and payment-processing reserve. Delivery is estimated until you add an address. England, Scotland and Wales are supported. Proof photos are reviewed before tracked dispatch.

Ready? Upload your STL and see your estimate - no account needed.

partpact.com/quote | [Full STL guide](#) | [Suitability rules](#)

PartPact prints customer-supplied files; CAD design and safety certification are not included. Checked 5 October 2026. Recheck current limits before ordering.