

# Glowforge Laser Cutter Policy

## *Pacific Highlands Ranch Library IDEA Lab*

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- Patrons must check in with staff *before* starting a print.
- Patrons are expected to bring in their own materials and follow the materials guidelines:
  - **Proofgrade materials highly recommended.** Proofgrade materials are made by Glowforge for the Glowforge and takes the guesswork out of your work.
  - **Non-Proofgrade materials must be cleared with staff.** Materials must be compatible with a CO2 laser. Patrons must provide a receipt or tag that states what the item is made of. We reserve the right to refuse materials we are uncertain of or deem to be unsafe. *Please review the prohibited materials list and examples of acceptable materials, prior to your visit.*
- Two (2) hour maximum run time for a print. Longer projects may be required to be broken up into smaller sessions.
- Prints need to be finished before the IDEA Lab closes.
- Patrons must monitor the printing of their project for the entirety of the process. Press the button to pause if you need to step away.

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Examples of acceptable non-Proofgrade materials include:

- Wood (Unstained, untreated, unpainted, no glues)
- Cast acrylic
- Cardboard (No glues)
- Natural leather (not pleather or faux leather; or treated with chemicals)

Please refer to [Glowforge's Non-Proofgrade Materials FAQ](#) for more information.

*Scan here to visit the FAQ page:*



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### Prohibited Materials:

- PVC - Emits chlorine gas when cut
- ABS - Emits cyanide gas and melts
- Vinyl - Emits chlorine gas when cut
- Metals - Machine not strong enough to cut
- Resin - Emits fumes
- Fiberglass - Emits fumes
- Artificial leather/vinyl - Emits chlorine gas
- Stained, painted, or treated woods
- Plywoods with incompatible glues
- Extruded acrylic - Emits strong odor
- PolyStyrene Foam
- Epoxy
- Corian
- Delrin
- Food

