

# Approved Laser Materials List

## General Materials Restrictions

- All materials must be evaluated by staff before use in the laser cutter. **Proof of purchase** from an approved vendor and **Safety Data Sheets** (SDS) must be provided. Material approval may be revoked at the best judgment of any staff member at any time.
- Materials must be **purchased directly** from the approved vendor. Materials purchased through the vendor's store on a conglomerate site (i.e. Amazon, Etsy) will not be accepted.
- Approval as a vendor in no way constitutes an endorsement by the Library or its staff, and any vendor may be submitted for consideration via the Library's [Suggest a Vendor Form](#).
- Due to the elevated risk of fire, fumes or equipment damage, we **do not** allow the use of:
  - **Cardboard**
  - **Paper**
  - **ABS and other plastics** aside from acrylic sheets
  - **Reflective materials** of any kind (aluminum, glass, mirrored acrylic, etc.)
- All materials must be pre-cut to fit in the Glowforge print bed (**12 x 20.4"**). The maximum cut area is approximately **11 x 19.5"**.
- For safety reasons, we **do not** currently allow the use of the Glowforge Pro passthrough slot by the public, but we hope to in the future!

## Currently Approved Vendors

### Glowforge Materials

**Glowforge-brand sheet materials of any type** may be purchased directly from the following vendor(s):

- Glowforge, Inc.
- Michael's

### Non-Glowforge Materials

The following non-Glowforge materials may be used in the Workshop's laser cutter provided the user has carefully reviewed [Glowforge's Guide to Manual Settings](#). As with all Workshop tools, the user is responsible for any damage or harm incurred to the machine, the building, themselves, or others.

## Sheet Materials

Non-Glowforge brand sheet **acrylic**, **wood**, or **faux leather** that is non-reflective and marked as laser-safe may be purchased from the following vendor(s):

- Inventables, Inc.
- Johnson's Plastics Plus

## Non-Glowforge Blanks

Non-Glowforge brand **acrylic**, **wood**, or **faux leather** blanks that are non-reflective and marked as laser-safe may be purchased directly from the following vendor(s):

- Johnson's Plastics Plus

## Utrecht Chipboard

Utrecht **chipboard** may be purchased directly from the following vendor(s):

- Dick Blick Art Materials
- Utrecht Art Supplies

## Wool or Wool-Viscose Blend Felt

**100% wool** or **wool-viscose blend felt** may be purchased directly from the following vendor(s):

- Benzie Design