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Fabrication Lab
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Preparing Your Artwork For Laser Cutting

To create a cutting vector in In Adobe Ai:

- ☐ Set the document colour mode to RGB
- ☐ All cut vectors should be RGB red, and stroke weight **0.01**
- ☐ All scored vectors should be RGB blue and stroke weight **0.01**
- ☐ Any raster engraving should have a **black** colour fill.
- ☐ Ensure all text and fonts used are an outline or converted to paths, to do this, select the text then right-click/ Creatoutline.
- ☐ Release all clipping masks.
- ☐ Make sure all your vector paths are joined to create a closed shape. Vector paths must be continuous and not constructed from more than one path.
- ☐ Make sure no duplicate vector strokes are stacked up on one another.

Approved Materials:
Plastics:
ABS, Acrylic, Delrin, Kapton tape, Mylar(polyester), PetG, Styrene, Nylon (melts badly)
Polypropylene PP (melts)

Woods:
MDF, plywood, balsa, birch, poplar, red oak, cherry, holly, etc.

Foam:
Depron foam, Gator foam, EVA foam

Other:
Cloths (leather, suede, felt, hemp, cotton)
Magnetic sheets, glass (engraved only),
Papers, Rubbers (cannot contain chlorine)
Teflon (PTFE)

We do not or cannot cut the following materials:
Metal, Polycarbonate (PC, Lexan) Any material containing chlorine such as PVC, Vinyl, Fiberglass, Printed circuit board, or carbon fibre.

Prior to the start of any Laser Cutting Session, a file has to be ready/ prepared. Booking any one session starts at $40.00 an hour and can be very costly when you show up unprepared. At this point, the Technician/Operator is only obligated to do file preparation for you if assigned.