Laser Suitable Materials

Cutting / Scoring / Etching

- Acrylic (up to .25” thick cuts best though it can cut up to .5”)
- Basswood (up to .25” thick)
- Other wood (up to 1/8” thick – a good cut depends on the density of the material)
- Styrene
- Paper (including chipboard, cardboard, matte board, etc.)
- Fabric (felt, leather, cotton, etc.)

It is strongly recommended that if you have never worked with the laser cutter and the material you are intending to cut, that you plan time for ‘test cutting’ to make sure the cuts will turn out as you intended.

Etching Only

- Glass
- Stone
- Anodized Metals
- Corian

Banned Materials

- Rubber (All Forms)
- Casting Resins
- Polypropylene
- Polycarbonate
  - May look like plexi but it’s not! It will emit a yellow smoke and toxic fumes.
  - The smoke will also stick to the lenses in the laser cutter and make cleaning very difficult!

Any material in the chloride/chlorine family (e.g. PVC-polyvinylchloride)
- These fumes are very unhealthy to breath in.