**Laser Cutting**

**The Basics**
- Cost: 30 cents per minute - Max. Size: 18” x 32”
- File Format: AI (Adobe Illustrator)
- Projects will be processed in the order they are received

**File Preparation**
- Create your art board at the same size as your material
- Files must be in RGB mode. The software does not recognize CMYK images
- To cut: Lines must be a stroke weight of .001” in pure RED (R-255, G-0, B-0)
- To score: Lines must be a stroke weight of .001” in pure BLUE (R-0, G-0, B-255)
- To etch: Shapes must be in pure blue (R-0, G-0, B-255)
- Gray scale images can be etched. Results vary by image and/or material. Try a test piece!
- Delete all hidden layers, overlapping/duplicate paths and clipping masks.

**Materials**
- All materials delivered for laser cutting MUST lay flat
- Do not bring papers that have been rolled or folded and try to select wood that is not warped.

**Wood**
- Identify the type of wood you are dropping off. Each type of wood requires different settings
- Only solid, unfinished wood can be processed
- Manufactured woods such as plywood and MDF can not be cut due to the content of adhesives

**Acrylic**
- Must have manufacturer’s identification to assure that it is safe for laser cutting. Not all plastics can be cut
- Inventables.com is an excellent source for acrylic
- If you purchase material from Everything Plastics, make sure they put a “Laser Friendly” sticker on every piece

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**Materials You Can Cut**
- Most solid woods (up to 1/4” thick)
- Acrylic (up to 3/8” thick) **must be labeled**
- Paper (all types)
- Mat board and Chipboard
- Mylar
- Leather
- Most Fabrics

**Materials You Can Etch**
- Everything above
- Glass
- Anodized Metals
- Stone and Tile
- Some metals can be “marked” (ask for details)

**Materials You Can Not Cut or Etch**
- Plywood, Masonite, Particle Board, MDF or any other “manufactured” woods
- Foam Core
- Unidentified plastics

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If you are interested in processing any other materials that do not appear on this list, please ask