



# Allowed Materials

The following materials can be used in the laser **pending staff approval**. Always bring the original packaging, Safety Data Sheet (if available), and receipt for any materials you hope to use. **Makerspace staff may refuse the use of any material for any reason.**

MATERIAL	CONSEQUENCE
Wood	Avoid oily and resinous woods. Watch for fires.
Plywood, composite wood, MDF	May not cut as well as solid wood due to glue content. May char more easily than solid wood.
Paper, cardstock, mat board, cardboard	Watch for fires. May be blown around by air stream.
Cork	High glue content. May not cut easily.
Acrylic	Cast acrylic is better for engraving. Extruded acrylic is better for cutting.
Mylar	Tends to warp and bubble. Certain coatings may not work.
Cloth, cotton, wool felt	No plastic-coated cloth.
Leather, suede	100% real leather only. Pleather cannot be cut.
Laser-safe rubber	Must be non-chlorine rubber.
Glass	Etch only. Cannot be cut.
Ceramic tile	Etch only. Cannot be cut.
Anodized aluminum	Etch only. Cannot be cut.
Powder-coated or painted metals	Etch only. Cannot be cut.
Stone, slate, marble, granite	Etch only. Cannot be cut.