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## LASER CUTTER APPROVED MATERIALS

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### PURPOSE:

This document lists the approved materials for use with the laser cutter. Do NOT use materials on this list without express permission of responsible authority.

### APPROVED MATERIALS:

- Medium Density Fiberboard (MDF), thickness up to 0.25 inches
- Masonite, thickness up to 0.25 inches
- Foamcore, thickness up to 0.25 inches
- Acrylic, thickness up to 0.25 inches

Note that polycarbonate looks like acrylic but does not cut in the laser cutter. Be careful to ensure which kind you have.

### NOMINAL CUTTING SPEEDS:

These speeds are listed as a guide for cutting, and most likely will need to be adjusted depending on the exact material thickness, composition, and time since the laser cutter has been recalibrated and cleaned.

Nominal Settings Table			
Material:	Speed:	Power:	Notes:
MDF – 0.25"	6.5	98	Cut with the white side up
Acrylic – 0.25"	6.5	98	Remove any protective film before cutting
Foamcore – 0.25"	65	98	Prone to catching fire, ensure settings are correct