

# LASER SAFE MATERIALS

	ENGRAVE	CUT
Wood (up to 1/4" thick)	✗	✗
Acrylic (up to 1/4")	✗	✗
Plexi Glass (up to 1/4")	✗	✗
Fabric (organic)	✗	✗
Leather (organic)	✗	✗
Cork (up to 1/8" thick)	✗	✗
Ceramic	✗	
Marble	✗	
Glass	✗	
Coated Metals	✗	
Painted Metals	✗	
Anodized Aluminum	✗	
Sand Blasted Metals	✗	
Paper	✗	✗
Cardboard	✗	✗
Chipboard	✗	✗
Matte Board	✗	✗
Mylar	✗	✗

This is a list of laser safe materials to which there are **NO EXCEPTIONS**. Certain materials that when cut on the laser will create **CHLORINE GAS**, namely **PVC** (polyvinyl chloride.) This is not only extremely dangerous for the user, but highly corrosive and does irreparable harm to the optics of the laser.

## FORBIDDEN MATERIALS:

**PVC**

Teflon

Polypropylene Foam

Polystyrene Foam

ABS

Polycarbonate / Lexan

HDPE / milk bottle plastic

Felt

FoamCore

Rubber (All Forms)