

Laser Cutter Materials Guide

1/8" BIRCH PLYWOOD

Raster (Engraving)	Resolution: 400 DPI	Speed: 80	Power: 95
Vector (Cutting)	Frequency: 2500	Speed: 50	Power: 95

1/8" ACRYLIC

Raster (Engraving)	Resolution: 400 DPI	Speed: 90	Power: 30
Vector (Cutting)	Frequency: 5000	Speed: 50	Power: 100

GLASS

Raster (Engraving)	Resolution: 400 DPI	Speed: 35	Power: 100
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For better results, change any black parts of the design to 80% gray, and use the Jarvis dithering pattern in the settings. This machine cannot cut glass.

CARDSTOCK & MAT BOARD

Raster (Engraving)	Resolution: 400 DPI	Speed: 90	Power: 40
Vector (Cutting)	Frequency: 1500	Speed: 30	Power: 30

COPY PAPER

Raster (Engraving)	Resolution: 400 DPI	Speed: 80	Power: 8
Vector (Cutting)	Frequency: 1000	Speed: 70	Power: 20

Want to use material that's not listed here?

Ask library staff to confirm that your material is compatible with this device and what settings are needed.