

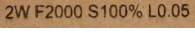
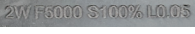
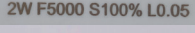
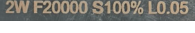
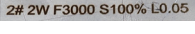
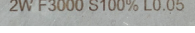
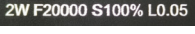
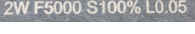
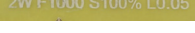


- The results would be different in even the same material with different finishing or different colors, so you need to adjust the speed and power rate based on different objects. Also, please adjust the focal length to an appropriate state, making the focal spot to be the smallest.
- These materials cannot be engraved or cut directly: glossy metal plates, transparent materials, reflective materials, partially white or light-transmitting materials, etc. You may need to use the marker pen to black it to engrave these materials.
- It is recommended that the minimum cutting speed of 10W and above laser modules should not be less than 200mm, otherwise, the cutting materials may easily catch fire!
- When the laser engraver is working, the operator must pay close attention and not leave it alone to prevent the engraved material from catching fire. Please set up the laser engraver in a fireproof area and ensure good ventilation. If possible, we recommend that you purchase a fire extinguisher and keep it close to the laser engraving machine.

To Engraving	Material	For LaserGrbl	For Lightburn
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MDF	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Black Acrylic	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Green Acrylic	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Gray Cardboard	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Black Cardboard	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Leather	2W F2000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Colored Paper	2W F1000 S100% L0.05	Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05

To Engraving	Material	For LaserGrbl	For Lightburn
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Corrugated Board		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 2000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 2000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Rubber		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 5000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 5000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
white ABS sheet		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 5000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 5000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
black ABS sheet		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 20000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 20000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
black PP		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 20000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 20000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
TPU		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 8000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 8000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Stainless Steel		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 3000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Cold Rolled Sheet		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 3000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 3000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Coated Metal		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 20000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 20000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Natural black rock disc		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 5000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 5000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Epoxy board		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 1000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 1000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05
Copper		Conversion Tool: Line To Line Tracing Direction: Horizontal Quality: 20Lines/mm Speed: 15000mm/min LaserMode: M4 SMIN:O S-MAX:100	Image Mode: Grayscale Speed (mm/min): 5000 Max Power: 100% Min Power: 0 Line Interval(mm): 0.05

[illegible]