

CO2 Laser Cutter/Engraver Settings for Common Materials (150 W)

Material	Process	Power (%)	Speed (mm/s)	Interval Gap (mm)	Thickness
Acrylic	Engraving	15	350	0.065	Any
	Cutting	65	20	n/a	¼"
Anodized Aluminum	Engraving	15	325	0.065	Any
Balsa Wood	Engraving	15	350	0.065	Any
	Cutting	40	25	n/a	⅛"
Bass Wood	Engraving	20	350	0.065	Any
	Cutting	40	25	n/a	⅛"
Birch Wood	Engraving	20	350	0.065	Any
	Cutting	65	20	n/a	¼"
Birch Plywood	Engraving	20	350	0.065	Any
	Cutting	70	20	n/a	¼"
Cardboard	Engraving	15	350	0.065	Any
	Cutting	50	15	n/a	¼"
Ceramic	Engraving	27	350	0.065	Any
Glass	Engraving	20	325	0.065	Any
Granite	Engraving	18	275	0.065	Any
Leather	Engraving	15	350	0.065	Any
	Cutting	70	15	n/a	⅛"
Powder-Coated Metal	Engraving	15	325	0.065	Any
Mirror (back side)	Engraving	15	325	0.065	Any

Paper	Cutting	15	30	n/a	1/100"
Romark (multi-colored)	Engraving	15	350	0.065	Any
Rubber	Engraving	15	350	0.065	Any
	Cutting	70	15	n/a	1/8"
Foam	Cutting	40	25	n/a	1/4"