

CO2 Laser Cutter/Engraver Settings for Common Materials

Material	Cut Type	Power (%)	Speed (mm/sec)	Interval / Scan Gap (mm)	Material Thickness
Acrylic	Engraving	15	350	0.065	ANY
	Cutting	65	20	-	1/4"
Anodized Aluminum	Engraving	15	325	0.065	ANY
	Cutting	-	-	-	-
Balsa Wood	Engraving	15	350	0.065	Any
	Cutting	40	25	-	1/8"
Bass Wood	Engraving	20	350	0.065	Any
	Cutting	40	25	-	1/8"
Birch Wood	Engraving	20	350	0.065	Any
	Cutting	65	20	-	1/4"
Birch Plywood	Engraving	20	350	0.065	Any
	Cutting	70	20	-	1/4"
Cardboard	Engraving	15	350	0.065	Any
	Cutting	50	15	-	1/4"
Ceramic	Engraving	27	350	0.065	Any
	Cutting	-	-	-	-
Glass	Engraving	20	325	0.065	Any
	Cutting	-	-	-	-
Granite	Engraving	18	275	0.065	Any
	Cutting	-	-	-	-
Leather	Engraving	15	350	0.065	Any
	Cutting	70	15	-	1/8"
Powder-Coated Metal	Engraving	15	325	0.065	Any
	Cutting	-	-	-	-
Mirror - Back Side	Engraving	15	325	0.065	Any
	Cutting	-	-	-	-
Paper	Engraving	-	-	-	-
	Cutting	15	30	-	1/100"
Romark - Multicolored	Engraving	15	350	0.065	Any
	Cutting	-	-	-	-
Rubber	Engraving	15	350	0.065	Any
	Cutting	70	15	-	1/8"
Foam	Engraving	-	-	-	-
	Cutting	40	25	-	1/4"