

Material Name	Use setting for	Function	Power	Speed	PPI/Hz	Passes	Offset
1/2" Plywood	High quality 1/2" plywood (cheapest plywood will not cut)	Engrave CO2	100	80	auto	1	0
		Cut CO2	60	0.2	auto	4	-0.1
1/4" Plywood	1/4" plywood, most 1/4" solid woods, 1/4" MDF	Engrave CO2	100	80	auto	1	0
		Cut CO2	60	0.4	auto	1	-0.12
1/8" Plywood	1/8" plywood & most 1/8" solid woods	Engrave CO2	100	80	auto	1	0
		Cut CO2	48	0.45	auto	1	-0.05
1/4" Acrylic	1/4" acrylic & other similar plastics	Engrave CO2	70	100	auto	1	0
		Cut CO2	42	0.3	auto	2	-0.1
1/8" Acrylic	1/8" acrylic & other similar plastics	Engrave CO2	70	100	auto	1	0
		Cut CO2	42	0.3	auto	1	-0.05
Cardboard	Cardboard	Engrave CO2	25	50	auto	1	0
		Cut CO2	40	1	auto	1	0
Foamcore	3/16" - 1/4" foamcore	Engrave CO2	17	50	auto	1	0
		Cut CO2	32	1.5	auto	1	0
		50% cut - Cut CO2	25	3.75	auto	1	0
Posterboard <0.02"	Posterboard <0.02"	Engrave CO2	35	50	1000	1	0
		Cut CO2	30	2	5000	1	0
Posterboard <0.02"	Posterboard <0.02"	Engrave CO2	35	50	1000	1	0
		Cut CO2	20	1.2	5000	1	0
Brass	Brass 0.01" thick or less	Engrave FLP	40	7.5	20000	1	0
		Cut FLP	100	0.15	auto	2	0
Aluminum sheet	Aluminum sheet 0.01" thick or less	Engrave FLP	80	7	20000	1	0
		Cut FLP	100	0.35	auto	8	0
Stainless Steel engrave	Engraving stainless steel or steel	Engrave FLP	60	15	20000	1	0
Polyurethane foam 1.75	Polyurethane Foam (Pelican Case Foam) 1.75" thick	Cut CO2	25	0.5	1000	1	0
Polyurethane foam .25	Polyurethane Foam with adhesive backing 1/4" thick	Cut CO2	20	0.5	1000	1	0
.0625 Felt	1/16" Felt	Cut CO2	25	1	auto	1	0
Heavy canvas	Heavy weight cotton fabric (0.02")	Engrave CO2	40	50	1000	1	0
		Cut CO2	25	2.5	auto	1	0
Medium Cotton	Medium weight cotton fabric (0.01")	Engrave CO2	30	50	1000	1	0
		Cut CO2	2	4	5000	1	0