



Cutting Speed (mm/s)

	40-watt	60-watt	80-watt	100-watt	130-watt
MDF 1/8"	3	15	25	30	35
MDF 1/4"	N/A	N/A	8	10	15
Acrylic 1/8"	10	14	20	25	30
Acrylic 1/4"	5	9	10	12	15
Acrylic 3/8"	1	3	3	4	5
Acrylic 3/4"	Engrave	Engrave	0.8	1	1.5
Foam 3/4"	5	6	8	10	11
Birch Ply 1/8"	35	50	160	180	180
Birch Ply 1/4"	11	15	30	32	40
Birch Ply 3/8"	Engrave	Engrave	4	7	13
Birch Ply 1/2"	Engrave	Engrave	Engrave	Engrave	11
Birch Ply 3/4"	Engrave	Engrave	Engrave	Engrave	4
Peach or Cherry Wood 1/4"	9	12	15	18	20
Peach or Cherry Wood 3/4"	Engrave	Engrave	3	4	5
Cardboard 1/4"	15	30	60	90	120
Cotton Fabric	300	300	300	300	300
Leather 1/16"	6	16	50	60	80
Rubber (4mil)	2	4	6	8	9
Bamboo (7mil)	Engrave	6	9	12	13
Kraft Paper (1mil)	85	110	300	300	300
Plastics	Varies	Varies	Varies	Varies	Varies
Glass	Engrave	Engrave	Engrave	Engrave	Engrave
Granite	Engrave	Engrave	Engrave	Engrave	Engrave
Marble	Engrave	Engrave	Engrave	Engrave	Engrave
Anodized Aluminum	Mark	Mark	Mark	Mark	Mark