

xTool M1(10W) Materials parameters for reference

Serial number	Material code	Material name	Machine	Processing mode	Power %	Speed mm/s	Processing times	Remarks
1	AE001	Rubber mat for engraving	M1 10W	Laser vector engraving	70	50	1	
2	AE001	Rubber mat for engraving	M1 10W	Laser bitmap engraving	100	40	2	
3	AH001	PU Heat transfer film	M1 10W	Tool cutting	90	80	1	
4	AH002	PET Heat transfer film	M1 10W	Tool cutting	105	80	1	
5	AH003	PVC Heat transfer film	M1 10W	Tool cutting	60	80	1	
6	AL001	PU artificial leather	M1 10W	Tool cutting				
7	AL006	Gray top-layer leather	M1 10W	Tool cutting				
8	AL016	PU artificial leather with knit fabric	M1 10W	Tool cutting	190	80	1	
9	AP017	PVC self-adhesive lettering film	M1 10W	Tool cutting	75	80	1	
10	AP024	Kraft paper 200g	M1 10W	Tool cutting	234	80	1	
11	AP038	White self-adhesive material	M1 10W	Tool cutting	78	80	1	
12	APL0010	Black acrylic 3.0mm	M1 10W	Tool cutting	100	4	2	
13	APL0010	Black acrylic 3.0mm	M1 10W	Laser vector engraving	50	50	1	
14	APL0010	Black acrylic 3.0mm	M1 10W	Laser bitmap engraving	100	60	1	
15	APL054	PVC colored transparent sheet	M1 10W	Tool cutting	347	80	3	
16	APL055	PVC frosted transparent sheet	M1 10W	Tool cutting	379	80	4	
17	AW050	Basswood plywood 3mm (launched by xTool)	M1 10W	Tool cutting	100	4	1	
18	AW050	Basswood plywood 3mm (launched by xTool)	M1 10W	Laser bitmap engraving	70	175	1	
19	AW051	Black Walnut (launched by xTool)	M1 10W	Tool cutting	100	4	1	
20	AW051	Black Walnut (launched by xTool)	M1 10W	Laser bitmap engraving	70	175	1	
21	AW069	Materials library_Black Walnut plywood (30cm × 30cm) 2pcs	M1 10W	Tool cutting	100	4	1	
22	AW069	Materials library_Black Walnut plywood (30cm × 30cm) 2pcs	M1 10W	Laser vector engraving	60	40	1	
23	AW069	Materials library_Black Walnut plywood (30cm × 30cm) 2pcs	M1 10W	Laser bitmap engraving	70	70	1	
24	AW070	Materials library_Pine plywood (30cm × 30cm) 2pcs	M1 10W	Tool cutting	100	4	1	
25	AW070	Materials library_Pine plywood (30cm × 30cm) 2pcs	M1 10W	Laser vector engraving	90	40	1	
26	AW070	Materials library_Pine plywood (30cm × 30cm) 2pcs	M1 10W	Laser bitmap engraving	80	60	1	
27	AW072	Materials library_Mahogany plywood (30cm × 30cm) 2pcs	M1 10W	Tool cutting	100	6	1	
28	AW072	Materials library_Mahogany plywood (30cm × 30cm) 2pcs	M1 10W	Laser vector engraving	80	30	1	
29	AW072	Materials library_Mahogany plywood (30cm × 30cm) 2pcs	M1 10W	Laser bitmap engraving	80	90	1	
30	AW073	Materials library_Cherry plywood (30cm × 30cm) 2pcs	M1 10W	Tool cutting	100	4	1	
31	AW073	Materials library_Cherry plywood (30cm × 30cm) 2pcs	M1 10W	Laser vector engraving	100	20	1	
32	AW073	Materials library_Cherry plywood (30cm × 30cm) 2pcs	M1 10W	Laser bitmap engraving	80	75	1	
33	BL016	Materials library_Stainless steel manicure set 16 pcs	M1 10W	Laser vector engraving	70	60	1	
34	BL016	Materials library_Stainless steel manicure set 16 pcs	M1 10W	Laser bitmap engraving	100	100	1	
35	BM001	Metal dog tag	M1 10W	Laser bitmap engraving	100	25	1	
36	BM004	Metal business card	M1 10W	Laser vector engraving	90	20	1	
37	BM004	Metal business card	M1 10W	Laser bitmap engraving	90	250	1	
38	BM006	Necklace jewelry	M1 10W	Laser bitmap engraving	100	25	1	
39	BM039	Metal money clip card case	M1 10W	Laser vector engraving	100	10	1	
40	BM039	Metal money clip card case	M1 10W	Laser bitmap engraving	100	20	1	
41	BP004	Color scratch paper	M1 10W	Tool cutting	60	15	1	
42	BP004	Color scratch paper	M1 10W	Laser vector engraving	20	80	1	
43	BP004	Color scratch paper	M1 10W	Laser bitmap engraving	20	100	1	
44	BS004	Rock coaster	M1 10W	Laser vector engraving	60	50	1	
45	BS004	Rock coaster	M1 10W	Laser bitmap engraving	60	80	1	
46	BW056	Materials library_Round bamboo & wood tray of diameter 15.5cm 4pcs	M1 10W	Laser vector engraving	75	80	1	
47	BW056	Materials library_Round bamboo & wood tray of diameter 15.5cm 4pcs	M1 10W	Laser bitmap engraving	75	100	1	
48	BW062	Wooden poster stand	M1 10W	Laser vector engraving	70	80	1	
49	BW062	Wooden poster stand	M1 10W	Laser bitmap engraving	70	100	1	