

Laserbox Materials parameters for reference

Serial number	Material code	Material name	Machine	Processing mode	Power %	Speed mm/s	Processing times	Remarks
1	AEO01	Rubber mat for engraving	laserbox	Laser vector engraving	90	180	1	
2	AEO01	Rubber mat for engraving	laserbox	Laser bitmap engraving	90	330	1	
3	AEO05	Photosensitive stamp	laserbox	Laser bitmap engraving	15	330	1	
4	AEO06	Photosensitive stamp pad	laserbox	Laser bitmap engraving	15	330	1	
5	AF001	Eva foam 1mm	laserbox	Laser cutting	5	80	1	
6	AF002	Eva foam 2mm	laserbox	Laser cutting	90	80	1	
7	AF003	Eva foam 3mm	laserbox	Laser cutting	100	65	1	
8	AF004	Eva foam 5mm	laserbox	Laser cutting	100	40	1	
9	AFT009	Nonwoven fabric 1mm	laserbox	Laser cutting	20	80	1	
10	AFT017	Tencel-like fabric	laserbox	Laser bitmap engraving	1	330	1	
11	AFT022	Felt 1mm	laserbox	Laser cutting	20	80	1	
12	AFT022	Felt 1mm	laserbox	Laser vector engraving	1	80	1	
13	AFT022	Felt 1mm	laserbox	Laser bitmap engraving	5	330	1	
14	AFT023	Felt 3mm	laserbox	Laser cutting	40	80	1	
15	AFT023	Felt 3mm	laserbox	Laser vector engraving	1	80	1	
16	AFT023	Felt 3mm	laserbox	Laser bitmap engraving	5	330	1	
17	AFT024	Felt 5mm	laserbox	Laser cutting	60	60	1	
18	AFT024	Felt 5mm	laserbox	Laser vector engraving	1	80	1	
19	AFT024	Felt 5mm	laserbox	Laser bitmap engraving	5	330	1	
20	AH001	PU Heat transfer film	laserbox	Laser cutting	20	80	1	
21	AH002	PET Heat transfer film	laserbox	Laser cutting	30	80	1	
22	AH002	PET Heat transfer film	laserbox	Laser bitmap engraving	20	330	1	
23	AL001	PU artificial leather	laserbox	Laser cutting	50	80	1	
24	AL001	PU artificial leather	laserbox	Laser bitmap engraving	40	300	1	
25	AL009	Cow leather	laserbox	Laser cutting	100	5	1	
26	AL009	Cow leather	laserbox	Laser vector engraving	50	20	1	
27	AL009	Cow leather	laserbox	Laser bitmap engraving	50	200	1	
28	AP001	Kraft paper 70g	laserbox	Laser cutting	12	65	1	
29	AP001	Kraft paper 70g	laserbox	Laser bitmap engraving	1	330	1	
30	AP002	Kraft paper 100g	laserbox	Laser bitmap engraving	12	260	1	
31	AP003	Kraft paper 150g	laserbox	Laser cutting	15	80	1	
32	AP003	Kraft paper 150g	laserbox	Laser bitmap engraving	15	250	1	
33	AP004	Kraft paper (thick)	laserbox	Laser cutting	18	80	1	
34	AP004	Kraft paper (thick)	laserbox	Laser bitmap engraving	15	230	1	
35	AP006	White cardboard 180g	laserbox	Laser cutting	12	80	1	
36	AP006	White cardboard 180g	laserbox	Laser bitmap engraving	10	250	1	
37	AP007	White cardboard 260g	laserbox	Laser cutting	20	80	1	
38	AP007	White cardboard 260g	laserbox	Laser bitmap engraving	32	270	1	
39	AP008	Marker paper 120g	laserbox	Laser cutting	10	80	1	
40	AP008	Marker paper 120g	laserbox	Laser bitmap engraving	15	230	1	
41	AP009	Round kraft cardboard 250g	laserbox	Laser cutting	15	80	1	
42	AP009	Round kraft cardboard 250g	laserbox	Laser bitmap engraving	15	230	1	
43	AP010	Round white cardboard 250g	laserbox	Laser cutting	20	80	1	
44	AP010	Round white cardboard 250g	laserbox	Laser bitmap engraving	15	230	1	
45	AP011	Round black cardboard 250g	laserbox	Laser cutting	20	80	1	
46	AP011	Round black cardboard 250g	laserbox	Laser bitmap engraving	20	230	1	
47	AP012	White cardboard with gray back 1mm	laserbox	Laser cutting	100	55	1	
48	AP012	White cardboard with gray back 1mm	laserbox	Laser bitmap engraving	30	300	1	
49	AP013	White cardboard with gray back 2mm	laserbox	Laser cutting	100	25	1	
50	AP013	White cardboard with gray back 2mm	laserbox	Laser bitmap engraving	30	270	1	
51	AP014	White cardboard with gray back 3mm	laserbox	Laser cutting	100	15	1	
52	AP014	White cardboard with gray back 3mm	laserbox	Laser bitmap engraving	30	270	1	
53	AP015	Corrugated paper 3.5mm	laserbox	Laser cutting	100	90	1	
54	AP015	Corrugated paper 3.5mm	laserbox	Laser bitmap engraving	22	260	1	
55	AP016	White self adhesive material	laserbox	Laser cutting	15	80	1	
56	AP016	White self adhesive material	laserbox	Laser bitmap engraving	20	300	1	
57	AP017	PVC self-adhesive lettering film	laserbox	Laser cutting	7	80	1	
58	AP017	PVC self-adhesive lettering film	laserbox	Laser bitmap engraving	20	300	1	
59	AP018	A corrugated board	laserbox	Laser cutting	100	75	1	
60	AP018	A corrugated board	laserbox	Laser bitmap engraving	12	230	1	
61	AP019	E corrugated board	laserbox	Laser cutting	65	80	1	
62	AP019	E corrugated board	laserbox	Laser bitmap engraving	12	200	1	
63	AP020	Laser engraver marking paper 90g	laserbox	Laser cutting	7	80	1	
64	AP020	Laser engraver marking paper 90g	laserbox	Laser bitmap engraving	10	250	1	
65	AP021	Laser engraver marking paper 120g	laserbox	Laser cutting	8	80	1	
66	AP021	Laser engraver marking paper 120g	laserbox	Laser bitmap engraving	13	250	1	
67	AP022	Testing paper	laserbox	Laser cutting	7	80	1	
68	AP022	Testing paper	laserbox	Laser bitmap engraving	13	260	1	
69	AP024	Kraft paper 200g	laserbox	Laser cutting	15	60	1	
70	AP024	Kraft paper 200g	laserbox	Laser bitmap engraving	15	330	1	
71	APL0010	Black acrylic 3.0mm	laserbox	Laser cutting	100	10	1	
72	APL0010	Black acrylic 3.0mm	laserbox	Laser vector engraving	30	264	1	
73	APL0010	Black acrylic 3.0mm	laserbox	Laser bitmap engraving	30	64	1	
74	APL0011	White acrylic 1.5mm	laserbox	Laser cutting	100	20	1	
75	APL0011	White acrylic 1.5mm	laserbox	Laser vector engraving	70	80	1	
76	APL0012	White acrylic 2.5mm	laserbox	Laser cutting	100	10	1	
77	APL0012	White acrylic 2.5mm	laserbox	Laser vector engraving	70	80	1	
78	APL0013	White acrylic 3.0mm	laserbox	Laser cutting	100	10	1	
79	APL0013	White acrylic 3.0mm	laserbox	Laser vector engraving	70	80	1	
80	APL0014	Transparent acrylic (launched by xTool)	laserbox	Laser cutting	100	6	1	
81	APL0014	Transparent acrylic (launched by xTool)	laserbox	Laser vector engraving	50	64	1	
82	APL0014	Transparent acrylic (launched by xTool)	laserbox	Laser bitmap engraving	50	264	1	
83	APL0030	Yellow acrylic 3.0mm (launched by xTool)	laserbox	Laser cutting	100	6	1	
84	APL0030	Yellow acrylic 3.0mm (launched by xTool)	laserbox	Laser vector engraving	50	64	1	
85	APL0030	Yellow acrylic 3.0mm (launched by xTool)	laserbox	Laser bitmap engraving	50	264	1	
86	APL0038	Green acrylic 1.5mm	laserbox	Laser vector engraving	1	80	1	
87	APL004	PVC colored transparent sheet	laserbox	Laser cutting	27	80	1	
88	APL004	PVC colored transparent sheet	laserbox	Laser bitmap engraving	25	330	1	
89	APL007	Black acrylic 1.5mm	laserbox	Laser cutting	100	20	1	
90	APL007	Black acrylic 1.5mm	laserbox	Laser vector engraving	70	80	1	
91	APL009	Black acrylic 2.5mm	laserbox	Laser cutting	100	10	1	
92	APL009	Black acrylic 2.5mm	laserbox	Laser vector engraving	70	80	1	
93	APL038	Green acrylic 1.5mm	laserbox	Laser cutting	100	5	1	
94	APL038	Green acrylic 1.5mm	laserbox	Laser bitmap engraving	40	280	1	
95	APL045	Black acrylic 2mm (opaque sides, launched by xTool)	laserbox	Laser cutting	100	7	1	
96	APL045	Black acrylic 2mm (opaque sides, launched by xTool)	laserbox	Laser bitmap engraving	40	260	1	
97	APL047	Red onion (pink) acrylic 3mm (launched by xTool)	laserbox	Laser cutting	100	20	1	
98	APL047	Red onion (pink) acrylic 3mm (launched by xTool)	laserbox	Laser vector engraving	60	80	1	
99	APL047	Red onion (pink) acrylic 3mm (launched by xTool)	laserbox	Laser bitmap engraving	30	280	1	
100	APL049	Grass green glossy acrylic 3mm (launched by xTool)	laserbox	Laser cutting	100	7	1	
101	APL049	Grass green glossy acrylic 3mm (launched by xTool)	laserbox	Laser bitmap engraving	40	260	1	
102	APL052	Orange acrylic (launched by xTool)	laserbox	Laser cutting	100	6	1	
103	APL052	Orange acrylic (launched by xTool)	laserbox	Laser vector engraving	50	64	1	
104	APL052	Orange acrylic (launched by xTool)	laserbox	Laser bitmap engraving	50	264	1	
105	APL053	Materials library_Red acrylic 3mm	laserbox	Laser cutting	100	6	1	
106	APL053	Materials library_Red acrylic 3mm	laserbox	Laser vector engraving	50	64	1	
107	APL053	Materials library_Red acrylic 3mm	laserbox	Laser bitmap engraving	50	264	1	
108	APL056	Consumables library_Double color plate (30cm x 30cm) 6pcs	laserbox	Laser cutting	100	12	1	
109	APL056	Consumables library_Double color plate (30cm x 30cm) 6pcs	laserbox	Laser bitmap engraving	30	330	1	
110	APL057	206 Yellow opaque	laserbox	Laser cutting	100	4	1	
111	APL061	801 White opaque	laserbox	Laser cutting	100	4	1	
112	APL061	801 White opaque	laserbox	Laser bitmap engraving	100	4	1	
113	APL068	M004 Green opaque	laserbox	Laser cutting	100	4	1	
114	APL068	M004 Green opaque	laserbox	Laser bitmap engraving	100	4	1	
115	APL071	M007 Pink opaque	laserbox	Laser cutting	100	4	1	
116	APL073	M009 Blue Opaque	laserbox	Laser cutting	100	4	1	
117	APL077	White translucent acrylic	laserbox	Laser cutting	100	4	1	
118	APL078	425 White opaque	laserbox	Laser cutting	100	4	1	
119	APL079	466 White opaque	laserbox	Laser cutting	100	4	1	
120	APL080	4398 White opaque	laserbox	Laser cutting	100	4	1	
121	APL081	402 White opaque	laserbox	Laser cutting	100	4	1	
122	APL082	499 White opaque	laserbox	Laser cutting	100	4	1	
123	APL083	488 White opaque	laserbox	Laser cutting	100	4	1	
124	APL084	8322 Blue opaque	laserbox	Laser cutting	100	4	1	
125	APL085	327 Blue opaque	laserbox	Laser cutting	100	4	1	
126	APL086	835 Blue opaque	laserbox	Laser cutting	100	4	1	
127	APL087	824 Blue opaque	laserbox	Laser cutting	100	4	1	
128	APL088	822 Blue opaque	laserbox	Laser cutting	100	4	1	
129	APL089	836 Blue opaque	laserbox	Laser cutting	100	4	1	
130	APL090	8327 Blue opaque	laserbox	Laser cutting	100	4	1	
131	APL091	522 Brown translucent material	laserbox	Laser cutting	100	4	1	
132	APL093	377 Purple translucent material	laserbox	Laser cutting	100	4	1	
133	APL094	202 Orange translucent material	laserbox	Laser cutting	100	4	1	
134	APL095	9T-19 Gray translucent material	laserbox	Laser cutting	100	4	1	
135	APL096	9T-30 Pink translucent material	laserbox	Laser cutting	100	4	1	
136	APL097	9T-29 Blue translucent material	laserbox	Laser cutting	100	4	1	
137	APL098	990 Orange translucent material	laserbox	Laser cutting	100	4	1	
138	APL099	991 Orange translucent material	laserbox	Laser cutting	100	4	1	
139	APL101	993 Green translucent material	laserbox	Laser cutting	100	4	1	
140	APL103	300 Blue translucent material	laserbox	Laser cutting	100	4	1	
141	APL104	302 Blue translucent material	laserbox	Laser cutting	100	4	1	
142	APL105	373 Purple opaque	laserbox	Laser cutting	100	4	1	
143	APL107	584 Brown translucent material	laserbox	Laser cutting	100	4	1	
144	APL114	184 Green opaque	laserbox	Laser cutting	100	4	1	
145	APL116	100 Purple opaque	laserbox	Laser cutting	100	4	1	
146	APL123	GST-100 Silver opaque	laserbox	Laser cutting	100	4	1	
147	APL124	GST-202 Yellow translucent material	laserbox	Laser cutting	100	4	1	
148	APL125	GS-09 Purple opaque	laserbox	Laser cutting	100	4	1	
149	APL126	GST-02 Purple opaque	laserbox	Laser cutting	100	4	1	
150	APL127	GST-206 Red translucent material	laserbox	Laser cutting	100	4	1	
151	APL128	GST-212 Transparent material	laserbox	Laser cutting	100	4	1	
152	APL129	GST-302-1 Transparent material	laserbox	Laser cutting	100	4	1	
153	APL130	GST-205 Orange translucent material	laserbox	Laser cutting	100	4	1	
154	APL131	GST-A0304T Red opaque	laserbox	Laser cutting	100	4	1	
155	APL132	GS-07 Blue opaque	laserbox	Laser cutting	100	4	1	
156	APL133	GS-05 Green opaque	laserbox	Laser cutting	100	4	1	
157	APL134	GST-208 Green translucent material	laserbox	Laser cutting	100	4	1	
158	APL136	GS-802 Purple opaque	laserbox	Laser cutting	100	4	1	
159	APL137	GST-209-1 Transparent material	laserbox	Laser cutting	100	4	1	
160	APL138	GS-202 Golden opaque	laserbox	Laser cutting	100	4	1	
161	APL139	GST-204 Blue translucent material	laserbox	Laser cutting	100	4	1	
162	APL140	GST-201 Pink translucent material	laserbox	Laser cutting	100	4	1	
163	APL141	GS-210 Golden opaque	laserbox	Laser cutting	100	4	1	
164	APL142	GS-11 Pink opaque	laserbox	Laser cutting	100	4	1	
165	APL143	GS-03 Green opaque	laserbox	Laser cutting	100	4	1	
166	APL144	GST-207 Purple translucent material	laserbox</					