

CUTTING / ENGRAVING DATA LASER DL445



Call for consumer information

Customers from outside the U.S.

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	Material	Thick-ness (mm)	Test with 100% power			Notes
			Feed (mm/s)	Passes	Cutting result: 1 (excellent) to 6 (unsatisfactory)	
1	Acrylic, transparent	3	-	-		Not suitable for cutting
2	Acrylic, white	3	-	-		Not suitable for cutting
3	Acrylic, red	3	2	15		
4	Acrylic, orange, opaque	3	-	-	6	Only engraving possible
5	Acrylic, orange, transparent	3		-		Slow
6	Acrylic, black, opaque	3	5	10	1	
7	Cardboard stripes, corrugated, fine		13	2	1	
8	Cardboard stripes, corrugated, coarse		12	2	1	
9	Cardboard, corrugated, Amazon	2,5	10	10		
10	Cardboard, corrugated, thin	2,5	10	10		
11	Cardboard, corrugated, white sides	1,1	15	6		
12	China paper	0,05	30	1		
13	Cotton fabric	0,3	18	1		
14	Cotton fabric, white stripes	0,3	10	1		
15	Caobilla (similar to plywood)	4,5	2	17		
16	Coroplast, white	3,5	-	-		Only cuts upper surface
17	Coroplast, light brown	3,5	3	15		
18	Decoflex veneer, maple		7	5	3	
19	Decoflex veneer, birch		7	5	3	
20	Decoflex veneer, beech		7	5	3	
21	Decoflex veneer, oak		7	5	3	
22	Decoflex veneer, ash		7	5	3	
23	Decoflex veneer, cherry tree		-	-	6	Only engraving possible
24	Decoflex veneer, mahagony		7	5	3	
25	Double corrugated cardboard	6,5	10	17		
26	Expanded Foam, black	25	8	17		
27	Fabric, dark brown	0,3	15	1		
28	Fabric, white	0,3	12	5		
29	Foam, colored	1,5	30	2		
30	Foam, blue	7,8	30	11		
31	Foam, black	1,5	30	1		
32	Foamboard, white, white core	5	-	-	6	Only engraving possible
33	Foamboard, black, black core	5	22	4	2	Foam shrinks
34	Forex classic rigid foam board		7	5	3	
35	Grey cardboard, smooth	1,5	-	-	6	Only engraving possible
36	Grey cardboard, smooth	2	-	-	6	
37	Grey cardboard, smooth	2,5	-	-	6	Only engraving possible
38	Kraftplex	0,8	6	3	1	
39	Kraftplex	0,8	5	5	1	
40	Kraftplex	3	2	5	3	
41	Leather fibre, coated, red	1,5	-	-	6	Only engraving possible
42	Leather fibre, coated, black	1,5	-	-	6	Only engraving possible
43	MDF	3	9	12		
44	MDF	6	7	20		Cuts only about 5,5 mm
45	Natural cork, unpolished	5	-	-	6	Only engraving possible

	Material	Thick- ness (mm)	Test with 100% power			Notes
			Feed (mm/s)	Passes	Cutting re- sults: 1 (very good) to 6 (unsatisfac- tory)	
46	Natural cork, polished	2	-	-	6	Only engraving possible
47	Paper, white	0,1	18	2		
48	Paper, thick, white	0,15	10	2		
49	Paper, brown	0,1	15	1		
50	Precision acrylic, black, opaque	1	5	10	3	
51	Spinnaker nylon 31 g / m ²	0,1	40	1	1	50 % power
52	Solid rubber fine scoring mat	3	-	-	6	Only engraving possible
53	Sponge rubber	2	10	5	3	Material shrinks
54	Sponge rubber, colored	2	20	2	3	Material shrinks
55	Woll felt, black	1	-	-	6	Material not suitable
56	Woll felt, white	1	20	5	5	Black edges