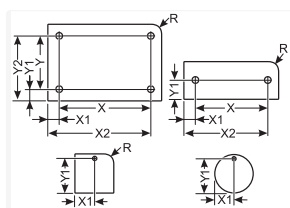




## LA Rectangular with radius, 4x hole



### Product information

The laser has served us well for years, especially for engraving and labelling of metals.

Laser Aluminum (LA) can be marked with high contrast, durable, precise, legible and fast with Murrplastik laser systems.

- Custom configuration
- Various colours
- Different geometries and holes
- Three different carrier materials available

A suction and filter unit is absolutely necessary to comply with legal regulations on health protection.

### Information, conformities and approvals



Article	Order No.	Color	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	No. per Frame	Software Article	PU pcs.
<b>Rectangular design with corner radius and 4 holes</b>									
LA 100x100 R2 HF, 4x3,5MM	8610100314	Black	1	89.5 x 89.5	49 / 26	4x 3.5	1	NW7	4
LA 100x50 R2 SK, 4x2,5MM	8610100427	Silver	1	88.9 x 38.9	49 / 11	4x 2.5	2	OTX	8
LA 100x59 R2 HF, 4x2,5MM	8610100370	Red matte	1	92.5 x 51.5	51 / 15	4x 2.5	2	OJ2	8
LA 100x59 R2 HF, 4x3,3MM	8610100481	Red matte	1	89 x 48	49 / 14	4x 3.3	2	OWW	8
LA 100x59 R2 SK, 4x3,0MM	8610100458	Black	1	88 x 48	48 / 14	4x 3.0	2	OVB	8
LA 100x59 R2 SK, 4x3,5MM	8610100365	Red matte	1	92.5 x 51.5	51 / 15	4x 3.5	2	OH2	8
LA 105x37 R2 HF, 4x2,6MM	8610100448	Silver	1	96 x 28	53 / 8	4x 2.6	2	OY0	8
LA 110x54 R2 HF, 4x4,0MM	8610100475	Black	1	94 x 38	52 / 11	4x 4.0	2	OWP	8
LA 120x70 R4 HF, 4x2,6MM	8610100331	Black	1	112.2 x 62.2	62 / 18	4x 2.6	1	NZ4	4



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Article	Order No.	Color	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	No. per Frame	Software Article	PU pcs.
LA 48x77 R2 HF, 4x3,0MM	8610100350	Silver	1	40 x 69	22 / 20	4x 3.0	2	OE0	8
LA 50x50 R2 HF, 4x4,5MM	8610100329	Black	1	41.5 x 41.5	23 / 12	4x 4.5	4	NZ1	16
LA 57x48 R2 HF, 4x3,0MM	8610100353	Silver	1	52 x 16	28 / 4	4x 3.0	2	OE3	8
LA 70x50 R2 SK, 4x3,5MM	8610100442	Silver	1	58 x 38	32 / 11	4x 3.5	2	Ouz	8
LA 74x65 R2 HF, 4x3,0MM	8610100351	Silver	1	66 x 57	36 / 16	4x 3.0	1	OE1	4
LA 75x50 R2 HF, 4x3,0MM	8610100352	Silver	1	66 x 42	36 / 12	4x 3.0	2	OE2	8
LA 85x54 R3 SK, 4x3,2MM	8610100492	Silver	1	72 x 41	40 / 12	4x 3.2	2	OXX	8
LA 90x120 R2 HF, 4x2,5MM	8610100315	Blue	1	82.5 x 95.5	45 / 28	4x 2.5	1	NX5	4
LA 100x59 R2 HF, 4x2,5MM	8610100506	Blue matte	1	90 x 59	50 / 17	4x 2.5	2		8
LA 55x110 R1 HF, 4x3,3MM	8610100500	Black	1	45 x 100	25 / 29	4x 3.3	1	OY0	4
LA 89x36 R4 HF, 4x3,5MM	8610100511	Silver	1	77.5 x 34	43 / 10	4x 3.5	2	OZ8	8
LA 40x15 R2 HF, 4x2,5MM	8610100184	Black	1	20 x 15	11 / 4	4x 2.5	12	MB9	48
LA 50x50 R3 SKS, 4x2,5MM	8610100065	Silver	1	39 x 50	21 / 14	4x 2.5	4	LU7	16
LA 60x15 R2 HF, 4x3,0MM	8610100043	Silver	1	45 x 15	25 / 4	4x 3.0	7	LM9	28
LA 60x30 R2 HF, 4x3,0MM	8610100044	Silver	1	45 x 30	25 / 8	4x 3.0	3	LNO	12
LA 75x45 R4 HF, 4x2,5MM	8610100145	Silver	1	62 x 45	34 / 13	4x 2.5	2	L6L	8
LA 85x84 R2 HF, 4x4,0MM	8610100249	Blue matte	1	71 x 84	39 / 24	4x 4.0	1	MT8	4
LA 100x40 R2 SK, 4x3,0MM	8610100030	Silver	1	85 x 40	47 / 11	4x 3.0	2	L10	8
LA 100x50 R2 SKS, 4x2,0MM	8610100192	Black	1	90 x 50	50 / 14	4x 2.0	2	MD2	8
LA <sup>°</sup> 100x50 R2 SK, 4x2,5MM	8610100049	Silver	1	86.4 x 50	48 / 14	4x 2.5	2	LQ2	8
LA 100x50 R2 SKS, 4x2,5MM	8610100127	Blue matte	1	87.5 x 50	48 / 14	4x 2.5	2	L4U	8

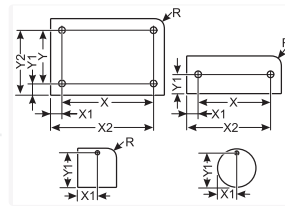


## LA Rectangular with radius, 4x hole

Article	Order No.	Color	Material thickness mm	Printable area mm	No. characters/lines	Hole patterns Number x Ø mm	No. per Frame	Software Article	PU pcs.
LA 100x50 R2 HF, 4x3.6MM	8610100196	Silver	1	84.8 x 50	47 / 14	4x 3.6	2	ME0	8
LA 100x60 R2 HF, 4x3.0MM	8610100045	Silver	1	85 x 60	47 / 17	4x 3.0	1	LN1	4
LA 100x60 R2 HF, 4x3.0MM	8610100092	Black	1	85 x 60	47 / 17	4x 3.0	1	LOJ	4
LA 100x60 R5 SK, 4x3.7MM	8610100074	Black	1	81.5 x 60	45 / 17	4x 3.7	1	LW8	4
LA 105x105 R2.5 HF, 4x3.6MM	8610100238	Silver	1	77.8 x 105	43 / 30	4x 3.6	1	M06	4
LA <sup>°</sup> 111x111 R2 HF, 4x3.0MM	8610100046	Silver	1	96 x 111	53 / 32	4x 3.0	1	LN2	4
LA 111x111 R2 HF, 4x3.0MM	8610100091	Black	1	96 x 111	53 / 32	4x 3.0	1	LOI	4
LA 120x120 R5 HF, 4x3.2MM	8610100159	Black	1	104 x 120	57 / 35	4x 3.2	1	L8E	4
LA 120x120 R5 SK, 4x2.8MM	8610100259	Black	1	120 x 106	66 / 31	4x 2.8	1	NC3	4



## LA Rectangular with radius, 4x hole

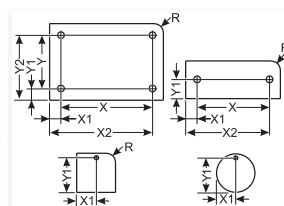


### Laser labelling material dimensions table

Article	Order No.	Outside radius R mm	Drill hole pitch X mm	Drill hole pitch Y mm	Drill hole position X1 mm	Drill hole position Y1 mm	Drill hole position X2 mm	Drill hole position Y2 mm
<b>Rectangular design with corner radius and 4 holes</b>								
LA 100x100 R2 HF, 4x3,5MM	8610100314	2	89.5	89.5	5.25	5.25	94.75	94.75
LA 100x50 R2 SK, 4x2,5MM	8610100427	2	88.9	38.9	5.55	5.55	94.45	44.45
LA 100x59 R2 HF, 4x2,5MM	8610100370	2	92.5	51.5	3.75	3.75	96.25	55.25
LA 100x59 R2 HF, 4x3,3MM	8610100481	2	92.5	51.5	3.75	3.75	96.25	55.25
LA 100x59 R2 SK, 4x3,0MM	8610100458	2	91	51.5	4.5	3.75	95.5	55.25
LA 100x59 R2 SK, 4x3,5MM	8610100365	2	92.5	51.5	3.75	3.75	96.25	55.25
LA 105x37 R2 HF, 4x2,6MM	8610100448	2	99.5	31.5	2.75	2.75	102.25	34.25
LA 110x54 R2 HF, 4x4,0MM	8610100475	2	98	42	6	4	104	46
LA 120x70 R4 HF, 4x2,6MM	8610100331	4	112.2	62.2	3.9	3.9	116.1	66.1
LA 48x77 R2 HF, 4x3,0MM	8610100350	2	40	69	4	4	44	63
LA 50x50 R2 HF, 4x4,5MM	8610100329	2	41.5	41.5	4.25	4.25	45.75	45.75
LA 57x48 R2 HF, 4x3,0MM	8610100353	2	52	16	2.5	16	54.5	32
LA 70x50 R2 SK, 4x3,5MM	8610100442	2	62	42	4	4	66	46
LA 74x65 R2 HF, 4x3,0MM	8610100351	2	66	57	4	4	70	61
LA 75x50 R2 HF, 4x3,0MM	8610100352	2	66	42	4.5	4	70.5	46
LA 85x54 R3 SK, 4x3,2MM	8610100492	3	75.4	44.4	4.8	4.8	80.2	49.2
LA 90x120 R2 HF, 4x2,5MM	8610100315	2	82.5	95.5	3.75	12.25	86.25	107.75
LA 100x59 R2 HF, 4x2,5MM	8610100506	2	92.5	51.5	3.75	3.75	96.25	55.25
LA 55x110 R1 HF, 4x3,3MM	8610100500	1	49	104	3	3	52	107
LA 89x36 R4 HF, 4x3,5MM	8610100511	4	81		4	18	85	



## LA Rectangular with radius, 4x hole



### Laser labelling material dimensions table

Article	Order No.	Outside radius R mm	Drill hole pitch X mm	Drill hole pitch Y mm	Drill hole position X1 mm	Drill hole position Y1 mm	Drill hole position X2 mm	Drill hole position Y2 mm
LA 40x15 R2 HF, 4x2,5MM	8610100184	2	30	7.5	5	3.75	35	11.25
LA 50x50 R3 SKS, 4x2,5MM	8610100065	3	44	44	3	3	47	47
LA 60x15 R2 HF, 4x3,0MM	8610100043	2	51	6	4.5	4.5	55.5	10.5
LA 60x30 R2 HF, 4x3,0MM	8610100044	2	51	21	4.5	4.5	55.5	25.5
LA 75x45 R4 HF, 4x2,5MM	8610100145	4	67	37	4	4	71	41
LA 85x84 R2 HF, 4x4,0MM	8610100249	2	79	42	3	21	82	63
LA 100x40 R2 SK, 4x3,0MM	8610100030	2	91	31	4.5	4.5	95.5	35.5
LA 100x50 R2 SKS, 4x2,0MM	8610100192	2	94	44	3	3	97	47
LA <sup>°</sup> 100x50 R2 SK, 4x2,5MM	8610100049	2	91.4	41.4	4.3	4.3	95.7	45.7
LA 100x50 R2 SKS, 4x2,5MM	8610100127	2	92.5	42.5	3.75	3.75	96.25	46.25
LA 100x50 R2 HF, 4x3,6MM	8610100196	2	92	42	4	4	96	46
LA 100x60 R2 HF, 4x3,0MM	8610100045	2	91	51	4.5	4.5	95.5	55.5
LA 100x60 R2 HF, 4x3,0MM	8610100092	2	91	51	4.5	4.5	95.5	55.5
LA 100x60 R5 SK, 4x3,7MM	8610100074	5	88.9	48.9	5.55	5.55	94.45	54.45
LA 105x105 R2,5 HF, 4x3,6MM	8610100238	2.5	85	85	10	10	95	95
LA <sup>°</sup> 111x111 R2 HF, 4x3,0MM	8610100046	2	102	102	4.5	4.5	106.5	106.5
LA 111x111 R2 HF, 4x3,0MM	8610100091	2	102	102	4.5	4.5	106.5	106.5
LA 120x120 R5 HF, 4x3,2MM	8610100159	5	110.4	110.4	4.8	4.8	115.2	115.2
LA 120x120 R5 SK, 4x2,8MM	8610100259	5	111.6	111.6	4.2	4.2	115.8	115.8

### Material properties



Aluminium anodised (ALU) |



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### Adhesive properties



467, 5016 SK adhesive film with adhesive, SKS adhesive film with foam adhesive

### Thermal properties



Temperature / temperature range -40 °C – 140 °C  
short termshort term: 200 °C

### Fire properties



Fire classification V0

### General technical data



° Standard product, available from stock



Industry standard color deviations possible

### Assembly method



Riveting system



Screw system

### Labelling technology



Laser devices

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.