

Tube Sizes		Wall Thickness					
(mm)	(Inches)	1.2mm (0.047")	1.5mm (0.059")	2mm (0.079")	2.1mm (0.083")	2.77mm (0.109")	3mm (0.118")
23 x 12	0.906 x 0.472	-	✓	-	-	-	-
27 x 14	1.063 x 0.551	-	✓	-	-	-	-
31 x 15	1.220 x 0.591	-	✓	-	-	-	-
35 x 10	1.378 x 0.394	-	✓	-	-	-	-
35 x 21.5	1.378 x 0.846	-	-	✓	-	-	-
36 x 18	1.417 x 0.709	-	✓	-	-	-	-
37 x 22	1.457 x 0.866	-	✓	-	-	-	-
38 x 11	1.496 x 0.433	-	✓	-	-	-	-
39 x 19	1.535 x 0.748	-	✓	✓	-	-	-
40.5 x 20	1.594 x 0.787	-	-	-	-	✓	-
41 x 15	1.614 x 0.591	-	✓	-	-	-	-
43 x 29.5	1.693 x 1.161	-	✓	-	-	-	✓
45 x 25	1.772 x 0.984	✓	-	-	-	-	-
48 x 21	1.890 x 0.827	-	✓	✓	-	-	-
53 x 40	2.087 x 1.575	-	-	✓	-	-	-
61 x 50	2.402 x 1.969	-	✓	-	-	-	-
62 x 31	2.441 x 1.220	✓	✓	✓	-	-	✓
69 x 29	2.717 x 1.142	-	-	✓	-	-	-
75 x 35	2.953 x 1.378	-	-	-	-	✓	-
78 x 39	3.071 x 1.535	-	-	✓	-	-	✓
91 x 51	3.583 x 2.008	-	-	-	-	-	✓
95 x 55	3.740 x 2.165	-	-	✓	-	-	-
99 x 38	3.898 x 1.496	-	-	✓	-	-	-
114 x 48	4.488 x 1.890	-	-	-	✓	-	✓
123 x 63	4.843 x 2.480	-	✓	-	-	-	-
128 x 55	5.039 x 2.165	-	-	-	-	-	✓
131 x 50	5.157 x 1.969	-	✓	-	-	-	-
133 x 63	5.236 x 2.480	-	-	-	-	-	✓
138 x 73	5.433 x 2.874	-	-	-	-	-	✓
167 x 66	6.575 x 2.598	-	-	✓	-	-	✓
195 x 85	7.677 x 3.346	-	-	-	-	-	✓

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23 x 12	0.906 x 0.472	✓	-	-	-	-
27 x 14	1.063 x 0.551	✓	-	-	-	-
31 x 15	1.220 x 0.591	✓	-	-	-	-
35 x 10	1.378 x 0.394	✓	-	-	-	-
35 x 21.5	1.378 x 0.846	-	✓	-	-	-
36 x 18	1.417 x 0.709	✓	-	-	-	-
37 x 22	1.457 x 0.866	✓	-	-	-	-
38 x 11	1.496 x 0.433	✓	-	-	-	-
39 x 19	1.535 x 0.748	✓	✓	-	-	-
40.5 x 20	1.594 x 0.787	-	-	-	✓	-
41 x 15	1.614 x 0.591	✓	-	-	-	-
43 x 29.5	1.693 x 1.161	✓	-	-	-	✓
48 x 21	1.890 x 0.827	✓	✓	-	-	-
53 x 40	2.087 x 1.575	-	✓	-	-	-
61 x 50	2.402 x 1.969	✓	-	-	-	-
62 x 31	2.441 x 1.220	✓	✓	-	-	✓
69 x 29	2.717 x 1.142	-	✓	-	-	-
75 x 35	2.953 x 1.378	-	-	-	✓	-
78 x 39	3.071 x 1.535	-	✓	-	-	✓
91 x 51	3.583 x 2.008	-	-	-	-	✓
95 x 55	3.740 x 2.165	-	✓	-	-	-
99 x 38	3.898 x 1.496	-	✓	-	-	-
114 x 48	4.488 x 1.890	-	-	✓	-	✓
123 x 63	4.843 x 2.480	✓	-	-	-	-
128 x 55	5.039 x 2.165	-	-	-	-	✓
131 x 50	5.157 x 1.969	✓	-	-	-	-
133 x 63	5.236 x 2.480	-	-	-	-	✓
138 x 73	5.433 x 2.874	-	-	-	-	✓
167 x 66	6.575 x 2.598	-	✓	-	-	✓
195 x 85	7.677 x 3.346	-	-	-	-	✓

PROFILE: FLAT-SIDED OVAL MATERIAL: 5083 ALUMINIUM



Tube Sizes		Wall Thickness					
(mm)	(Inches)	2.1mm (0.083")	2.77mm (0.109")	2.9mm (0.114")	3.4mm (0.134")	3.6mm (0.142")	3.7mm (0.146")
26 x 13	1.024 x 0.512	-	✓	-	-	-	✓
31 x 18	1.220 x 0.709	✓	-	✓	-	-	-
40.5 x 20	1.594 x 0.787	-	✓	-	✓	-	-
50 x 25	1.969 x 0.984	-	✓	-	-	✓	-
59.5 x 28	2.343 x 1.102	-	✓	-	-	-	✓

MATERIAL: 6063 ALUMINIUM

Tube Sizes		Wall Thickness
(mm)	(Inches)	3.2mm (0.126")
27 x 14	1.063 x 0.551	✓
43 x 28	1.693 x 1.102	✓

PROFILE: FLAT-SIDED OVAL MATERIAL: CZ108 BRASS



Tube Sizes		Wall Thickness	
(mm)	(Inches)	1.6mm (0.063")	3.2mm (0.126")
23 x 12	0.906 x 0.472	✓	-
27 x 14	1.063 x 0.551	✓	✓
31 x 15	1.220 x 0.591	✓	✓
35 x 9	1.378 x 0.354	✓	✓
39 x 19	1.535 x 0.748	✓	✓
41 x 15	1.614 x 0.591	✓	✓
43 x 28	1.693 x 1.102	✓	✓
62 x 31	2.441 x 1.220	✓	✓
70 x 35	2.756 x 1.378	-	✓