

Products - Aluminum Re-drawn Tubes

Data sheet of Aluminum Tubes for Cots

NOTE : All Dimensions are in **mm** except weight

ID (MM)	Thickness (MM)	ID (MM)	Thickness (MM)	ID (MM)	Thickness (MM)	ID (MM)	Thickness (MM)
12.90	0.50	17.90	1.10	22.90	1.50	31.90	1.50
12.90	0.80	17.93	1.10	23.00	1.50	32.18	1.00
12.90	1.10	18.10	1.00	23.90	1.00	32.50	1.25
13.90	1.00	18.88	1.00	23.90	1.30	37.90	1.50
14.50	0.80	18.88	1.10	23.90	1.50	44.90	1.30
15.80	1.00	18.90	1.00	24.90	1.00	44.90	1.50
15.82	1.00	18.90	1.30	24.90	1.10	44.90	1.50
15.85	1.00	18.90	1.50	25.20	1.00	47.38	1.24
15.88	1.00	19.90	1.00	25.20	1.30	47.38	1.25
15.89	1.00	19.90	1.30	25.20	1.50	47.40	1.26
15.89	1.10	19.90	1.50	25.90	1.00	48.04	1.58
15.90	1.00	20.12	1.30	25.90	1.30	50.90	1.50
15.93	1.00	20.40	1.50	25.90	1.50	53.10	1.25
15.96	1.00	20.50	1.50	26.90	1.00	53.90	1.50
15.97	1.10	20.88	1.00	27.00	1.00	54.90	1.50
15.98	1.00	20.90	1.00	27.90	1.00	57.38	1.25
16.00	1.00	21.90	1.00	27.90	1.50	ID = Internal Dia. MM=Millimeter	
16.00	1.50	21.90	1.10	28.18	1.00		
16.90	1.00	21.90	1.30	28.90	1.00		
16.90	1.10	21.90	1.50	29.85	1.50		
17.10	1.10	22.90	1.00	29.90	1.00		
17.88	1.10	22.90	1.10	29.90	1.10		
17.90	1.00	22.90	1.30	29.90	1.30		

Material: 6063 T6

Mechanical Properties (Minimum)

UTS = 245 MPa

Rp 0.2 = 200 MPa

Anodizing

Hard Anodize coating thickness 20 μm

Internal roughness

Across the length $Ra \leq 0.6 \mu\text{m}$

Along the length $Ra \leq 0.4 \mu\text{m}$

Across the length $R_{\text{max}} \leq 9 \mu\text{m}$