

Seamless Aluminium Tube



An extruded tube is brought to final dimensions by the hot extrusion process and can be seamless or non-seamless (structural tube). Compared to a slit tube(structural tube), an aluminium seamless tube/pipe is a tube that does not have any welding seam.

Specifications

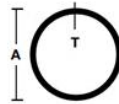
Products Name	Seamless Aluminium Tube/Pipe (extruded seamless tube and drawn seamless tube)
Outer Diameter	8~ Φ280mm
Wall Thickness	0.1~ 20mm
Alloy Grade	2011, 2024, 3003, 5052, 6061, 6063, 7075, etc.
Surface Treatment	<ol style="list-style-type: none"> 1) Mill finished 2) Anodizing: shiny anodized, frosty anodized 3) Electrophoretic coating: shiny electrophoretic, frosty electrophoretic 4) Electrophoretic color powder coating: normal color, special color 5) Fluorocarbon powder spraying: normal color, special paper 6) Polished

Aluminium Extruded Seamless Tube Specifications

6061 Extruded Seamless Round Tube
AMS QQ-A-200/8, ASTM B221
12' Lengths

Round Tube

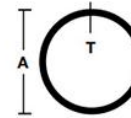
6061 EXTRUDED SEAMLESS
AMS QQ-A-200/8, ASTM B221
12' Lengths



A (Inches)	T (Inches)	Approx WT. Per FT.	Approx WT. Per Length
8.000	.750	20.088	241.056
	1.000	25.861	310.332
8.500	.250	7.620	91.44
	.500	14.778	177.336
	.750	21.474	257.688
	1.000	27.709	332.508
9.000	.250	8.081	96.972
	.500	15.702	188.424
	.750	22.859	274.308
	1.000	29.555	354.66
9.500	.250	8.542	102.504
	.500	16.625	199.50
	.750	24.244	290.928
	1.000	31.403	376.836
10.000	.500	17.548	210.576
	.750	25.630	307.56

Round Tube

6061 EXTRUDED SEAMLESS
AMS QQ-A-200/8, ASTM B221
12' Lengths



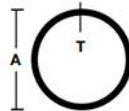
A (Inches)	T (Inches)	Approx WT. Per FT.	Approx WT. Per Length
1.250	.125	.520	6.24
	.250	.924	11.088
1.500	.125	.635	7.62
	.250	1.155	13.86
1.750	.125	1.375	16.50
2.000	.125	.866	10.392
	.250	1.616	19.392
2.250	.250	1.850	22.20
	.500	3.233	38.796
2.500	.125	1.097	13.164
	.250	2.078	24.936
	.500	3.695	44.34
2.750	.500	4.125	49.50

Aluminium Drawn Seamless Tube Specifications

6061 Drawn Seamless Round Tube
ASTM B210, WW-T-700/6,
AMS-QQ-A-225/8, ASTM B221,
AMS 4082
12' Lengths

Round Tube

6061 Drawn Seamless
ASTM B210, WW-T-700/6,
AMS-QQ-A-225/8, ASTM B211,
AMS 4082
12' Lengths



A (Inches)	T (Inches)	Approx WT. Per FT.	Approx WT. Per Length
.190	.035	.0197	.2364
.250	.049	.0364	.4368
	.058	.0411	.4932
.313	.035	.0580	.696
	.049	.0477	.5724
	.058	.0545	.654
.375	.035	.0440	.528
	.049	.0590	.708
	.058	.0679	.8148
	.065	.0700	.84
.500	.035	.0601	.7212
	.049	.0816	.9792
	.058	.0947	1.1364
	.065	.1040	1.248
.625	.035	.0763	.9156

1.000	.035	.1248	1.4976
	.049	.1722	2.0664
	.058	.2019	2.4228
	.065	.2245	2.694
	.083	.2812	3.3744
	.125	.4041	4.8492
1.250	.035	.1894	2.2728
	.049	.2627	3.1524
	.058	.3090	3.708
	.065	.3446	4.1352
	.083	.4345	5.214
1.500	.035	.1571	1.8852
	.049	.2174	2.6088
	.058	.2554	3.0648
	.065	.2846	3.4152
	.083	.3579	4.2948
2.000	.049	.3532	4.2384
	.058	.4161	4.9932
	.065	.4647	5.5764
	.083	.5878	7.0536
2.500	.065	.5847	7.0164
	.083	.5810	6.972
3.500	.065	.8250	9.90

Applications of Seamless Aluminium Tube

Aluminium seamless tube is used for virtually any type of application, from high pressure and mechanical to architectural and framing, typically used for pressure vessels, hydraulic



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cylinders, compressed gas cylinders, driveshafts, lighting applications, and bus conductors.

- Critical pressure ratings
- Demanding forming applications
- Critical strength requirement
- Uniform anodizing appearance

Advantages of Seamless Tube and Pipe

- Without any weld seams, preferred for pressure vessels
- More uniform anodizing appearance, especially on heavier wall sections
- No weld seams that could split informing operation
- Increased structural integrity
- Good mechanical properties
- Good corrosion resistance and oxidation resistance