



Small Diameter 3003 Aluminium Pipe 5083 Mill Finish ASTM B211 Customized Packing

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu,China
- Brand Name: CHINALCO
- Certification: ISO9001
- Model Number: 1000series, 2000series, 3000series, 5000series, 6000series, 7000series
- Minimum Order Quantity: 1ton
- Price: Negotiable
- Packaging Details: Exporting package/wooden box package/Or per customers' requirement
- Delivery Time: 3-15 days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 2000 Ton/Tons per Month



Product Specification

- Product Name: Aluminum Pipe
- Material: 1050,1060,1070,1100,2A11, 2A12,2014,2024, 5052, 5A02, 5A06,5083,6060,6061,6063, 6082,6351, 6A02,7075,7005,7A04
- Thickness: 0.6-20mm Or As Required
- Diameter: 2-100mm Or As Required
- Surface: Mill Finish,Anodize Or As Required
- Delivery Time: About 7-10 Days,depends On The Specific Order
- Trade Terms: FOB CIF CFR EXW
- Packing: Standard Seaworthy Packing
- Highlight: **Small Diameter 3003 Aluminium Pipe, Mill Finish Customized Packing Aluminium Pipe , ASTM B211 5083 Aluminium Pipe**



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Product Description

Small Diameter 3003 Aluminium Pipe 5083 Mill Finish ASTM B211 Customized Packing

Product Description

Aluminum tube is a kind of nonferrous metal tube, which refers to the metal tubular material extruded from pure aluminum or aluminum alloy to be hollow along its longitudinal full length.

According to the shape, it can be divided into square pipe, round pipe, rifled pipe, profiled pipe and universal aluminum pipe. It can be divided into seamless aluminum tube and ordinary extruded tube according to extrusion mode.

The alloy aluminum tube profile is mainly produced by the extrusion method, the most commonly used extrusion processes are forward extrusion and reverse extrusion. Extruded alloy aluminum pipes and profiles adopt the production process of ingot heating-extrusion-finishing; for heat-treated aluminum alloys that can be strengthened, quenching and aging treatment re also required.

Aluminum Pipe/Tube	
1000 Series	Industrial Pure Aluminum(1050,1060 ,1070, 1100)
2000 Series	Aluminum-copper alloys(2024(2A12), LY12, LY11, 2A11, 2A14(LD10), 2017, 2A17)
3000 Series	Aluminum-manganese alloys(3A21, 3003, 3103, 3004, 3005, 3105)
4000 Series	Al-Si alloys(4A03, 4A11, 4A13, 4A17, 4004, 4032, 4043, 4043A, 4047, 4047A)
5000 Series	Al-Mg alloys(5052, 5083, 5754, 5005, 5086,5182)
6000 Series	Aluminum Magnesium Silicon Alloys(6063, 6061, 6060, 6351, 6070, 6181, 6082, 6A02)
7000 Series	Aluminum, Zinc, Magnesium and Copper Alloys(7075, 7A04, 7A09, 7A52, 7A05)
Wall Thickness	0.6mm-20mm, or as required
Outer Diameter	2mm-100mm, or as required
Length	1000mm-6000mm, or as required
Application	Lid Stock. Industrial Device, Storage. All Kinds of Containers, etc.
MOQ	500kg
Feature	Lid Shigh conductivity, good corrosion resistant performance, high latent heat of melting, high-reflectance, well welding property*, low strength, and not suitable for heat treatments.

Product Detail



Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr
Impurity	Al	2014	0.5-1.2	0.7	3.9-5.0	0.4-1.2	0.2-0.8	0.1	0.25
0.15	-	0.15	Rest	2017	0.2-0.8	0.7	3.5-4.5	0.4-1.0	0.4-0.8
0.1	0.25	0.15	-	0.15	Rest	2024	0.5	0.5	3.8-4.9
0.3-0.9	1.2-1.8	0.1	0.25	0.15	-	0.15	Rest	5052	0.25
0.4	0.1	0.1	2.2-2.8	0.15-0.35	0.1	-	-	0.15	Rest
5056	0.3	0.4	0.1	0.05-0.20	4.5-5.6	0.05-0.20	0.1	-	-
0.15	Rest	5083	0.4	0.4	0.1	0.40-1.0	4.0-4.9	0.05-0.25	0.25
0.15	-	0.15	Rest	5754	0.4	0.4	0.1	0.5	2.6-3.6
0.3	0.2	0.15	-	0.15	Rest	6061	0.4-0.8	0.70	0.15-0.40
0.15	0.8-1.2	0.04-0.35	0.25	0.15	-	0.15	Rest	6063	0.2-0.6
0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	-	0.15	Rest
6082	0.7-1.3	0.5	0.1	0.4-1.0	0.6-1.2	0.25	0.2	0.1	-

Physical Properties

Physical Properties		Tensile Strength	Yield Strength	Elongation(%)	
Grade	Hardness	(MPa)	(MPa)	0.25-1.25mm	1.26-3.0mm
1100	O	89.6	34.5	30	6
	H12	110.3	103.4	4	12
	H14	124.1	117.2	3	10
2024	O	186.2	75.8	18	20
	T3	482.6	344.7	16	18
	T4	468.8	324.1	20	19
3003	O	110.3	41.4	30	33
	H12	131	124.1	9	11
	H14	151.7	144.8	3	7
5052	O	193.1	89.6	20	21
	H32	227.5	193.1	7	10
	H34	262	213.7	6	8
5083	O	275.8	144.8	21	25
	H32	282.7	151.7	20	21
	H34	330.9	255.1	11	14
6061	O	124.1	55.2	25	26
	T4	241.3	144.8	22	24
	T6	310.3	275.8	12	17
7075	O	227.5	103.4	16	18
	T6	572.3	503.3	11	12

Test



Handle Spectrometer

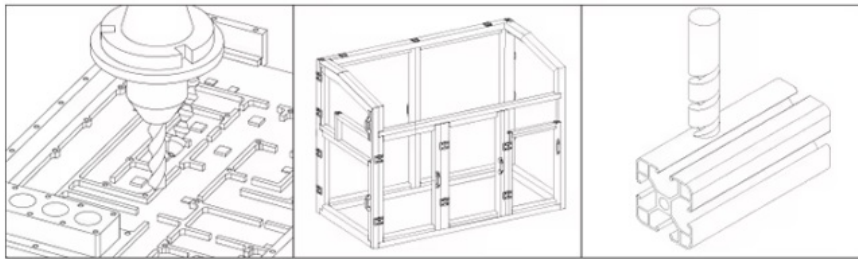


Sitting Spectrometer



Ultrasonic testing

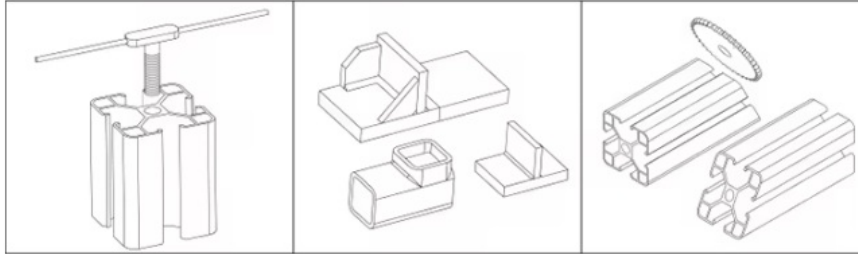
Provided Service



CNC Processing

Assembling

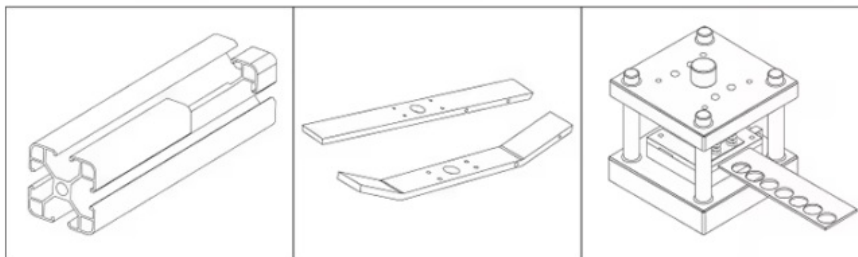
Drill Hole



Tapping

Welding

Cutting Bevel Angle

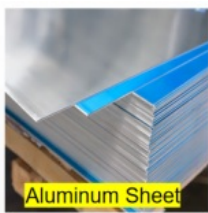


Milling Groove

Bending

Stamping

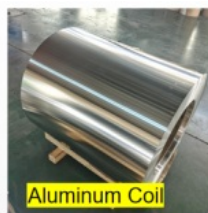
Recommend Products



Aluminum Sheet



Aluminum Roofing Sheet



Aluminum Coil



Aluminum Ingot



Aluminum Bar



Aluminum Square Bar



Aluminum Tube



Aluminum Flat Bar

Application



Building Exterior



Airport



Light Rail



Hospital



Office



Pavilion

Packing & Shipping



The Sample Delivery



Certificate



FAQ

Q: Can I get some samples?

A: Yes, sample order is available for quality check and market test. But you have to pay the sample cost and express cost.

Q: Do you receive customized order?

A: Yes, ODM & OEM are welcomed.

Q: What's the lead time?

A: According to the order quantity, small order usually need 3-5 days, big order need negotiation.



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