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Product Description
产品描述

About Power Plant Air Cooling Tube

We offer aluminum tubes made of 1 series pure aluminum and 3003 anticorrosive aluminum. We can also customize non-standard specifications of aluminum tubes for heat exchanger equipment according to customer requirements.



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Application
应用场景

About Heat Exchanger Tube

Air coolers are heat exchangers that utilize air to cool hot fluids. An air cooler is a heat exchanger that utilizes air to cool a hot fluid. The heat exchanger tube is the core element of the air cooler.

The heat exchanger tube as the core element of the air cooler has a direct influence on the performance of the equipment. The form and material of the heat exchanger tubes directly affect the performance of the equipment.



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Product Features
产品特性

Quality control from raw materials, the use of large-tonnage extrusion presses, hot extrusion and cold drawing production method, can produce various properties.

High degree of customization
Small tolerance range
High heat transfer performance
High corrosion resistance
High product density

(Main Size)	State	Outside Diameter /mm	Wall Thickness /mm	Length /m	Tensile Strength /MPa	Non-proportional Elongation /MPa	Elongation After Break ASD/mm
Model Number		Main Size					
Series 1	1050	20-32	0.8-2.0	5-15	60-95	>70	>25.00
	1060						
	1070						
	1050A						
Series 3	3003	20-32	0.8-2.0	5-15	95-130	>35	>25.00
	3103						
	3A21						
	H14						
	H12						
	H14H2						
4							
H28							
					< 20.00	> 100-135	> 5.00
					< 10.00	> 115-150	> 12.00
					< 20.00	> 135-165	> 6.00
					< 15.00	> 115	> 12.00
					< 10.00	> 135	> 6.00
					< 3.00	> 180	> 3.00

On the basis of solving the two major difficulties of the industry, corrosion and welding, aluminium alloy tubes with guaranteed precision and quality are on a par with copper tubes in terms of performance and quality, and at a lower cost.

Product Description

The tubes for solar flat plate collectors are made of special alloys, and the production processes from raw material purchasing, hot extrusion, cold drawing, heat treatment, surface treatment, etc. are all under double-regulation control to ensure the best product quality.

Development Prospect

Wall-mounted flat plate collector
Flat plate solar collectors
Large solar collectors
Vacuum solar tubes
Heat exchanger

Better Heat transfer, corrosion resistance, cost effectiveness, heat resistance, service life.

Applications

Features

7-30

mm
Outside Diameter

0.7-2.0

mm
Wall Thickness

H14 H12 0

State

130-165	115-150	95-130	Mpa Tensile Strength
≥110	≥75	>60	Mpa Yield Strength
≥5%	>12%	≥30%	Elongation

Salt Spray Corrosion Test >1500 h Pressure Resistance >10 Mpa

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Technical Parameters
技术参数

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