

1100 Aluminum Coil

1100 aluminum Coil belongs to the 1-series alloy series, and the aluminum alloy content of 1100 must reach more than 99.00%. Both 1100 aluminum coil and 1060 aluminum coil belong to industrial pure aluminum. The strength of 1100 aluminum coil is relatively low, and it has excellent ductility, formability, weldability and corrosion resistance, electrical conductivity and thermal conductivity, low density and good plasticity; after anodizing, the corrosion resistance can be further improved, and at the same time the aesthetically pleasing surface is obtained; however, it cannot be strengthened by heat treatment.



Product Specification

Alloy	1100 Aluminum Coil
Temper	O,H12,H14,H16,H18,H22,H24,H32,H34,H36,H38,etc.
Thickness(mm)	0.10-4.50
Width(mm)	100-2650
Length(mm)	C
ID	Ø505mm or customized
Package	Eye to sky or Eye to wall
Application	Power battery soft connection, aluminum-plastic panel,lamp material, capacitor shell,road sign, building exterior wall, etc.coil, etc.



HENAN FLAIT ALUMINUM CO., LTD.

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Email:sales@flait-aluminum.com

Whatsapp/Mobile: 86 13203837398

Chemical Composition

Si+Fe	0.95
Cu	0.05-0.20
Zn	0.1
Mn	0.05
Al	99

Mechanical Properties

Alloy	Temper	Thickness (mm)	Tensile strength (Mpa)	Elongation (%)
1100	O	>0.2-0.5	75-105	≥20
		>0.5-1.0		≥25
		>1.0-4.5		≥30
	H22	>0.2-0.5	95-130	≥10
		>0.5-1.0		≥12
		>1.0-4.5		≥15
	H24	>0.2-0.5	110-145	≥6





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		>0.5-1.0		≥8	
		>1.0-4.5		≥10	
	H26	>0.2-0.5		≥2	
		>0.5-1.0		≥3	
		>1.0-4.5		≥4	
	H18	>0.2-0.5		≥1	
		>0.5-1.0		≥2	
		>1.0-4.5		≥3	
	H112	>4.5-6.5		≥95	≥9
		>6.5-12.5		≥90	≥9
		>12.5-50		≥85	≥14
		>50-80		≥80	≥20

Features





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1. 1100 aluminum coil has extremely high corrosion resistance, electrical conductivity and thermal conductivity.
 2. 1100 aluminum coil has low density and good plasticity.
 3. 1100 aluminum coil is easy to withstand various pressure processing.

Application

1100 aluminum coil is often used in signs, billboards, building exterior decoration, bus body, high-rise and factory wall decoration, kitchen sink, lamp holder, fan blade, electronic parts, chemical equipment, thin plate processing parts, deep drawing or spinning Debossed utensils, welding parts, heat exchangers, clock surfaces and disks, nameplates, kitchen utensils, decorations, reflective appliances, etc.

The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

-----**THIS IS THE END**-----

