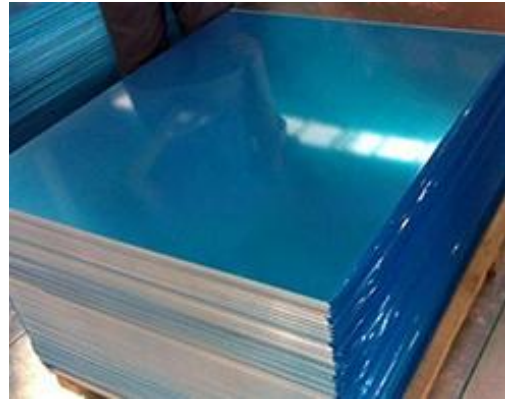


1100 Aluminum Sheet Plate

1100 aluminum sheet plate is industrial pure aluminum with an aluminum content of 99.00%. 1100 Aluminum sheet cannot be strengthened by heat treatment, has high corrosion resistance, electrical conductivity and thermal conductivity, low density and good plasticity. It can produce various aluminum materials through pressure processing, but the strength Low. After anodizing, the corrosion resistance can be improved, the surface is beautiful and smooth without obvious blemishes, but it cannot be strengthened by heat treatment. 1100 Aluminum plate has strong weldability, can accept gas welding, arc welding, contact spot welding and wire welding. 1100 aluminum sheet can be used for processing parts that require good formability and high corrosion resistance, but do not require high strength, such as chemical equipment, food industry equipment and storage containers, cooking utensils, pressure tanks, thin plate processing parts, etc.



Product Specification

Alloy	1100 Aluminum Sheet Plate
Temper	O,H12,H14,H16, H18,H19,H22,H24, H26,H28,H32,H34, H36,H38,etc.
Thickness(mm)	0.1-500
Width(mm)	20-2650
Length(mm)	500-16000
Package	Export packaging (protective film, interleaved paper)
Application	Aluminum plastic panels, bus doors, cooking utensils,curtain walls, heat exchangers, etc.



HENAN FLAIT ALUMINUM CO., LTD.

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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





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	H24	>0.2-0.5	110-145	≥6		
		>0.5-1.0		≥8		
		>1.0-4.5		≥10		
	H26	>0.2-0.5		≥150	≥2	
		>0.5-1.0			≥3	
		>1.0-4.5			≥4	
	H18	>0.2-0.5			≥150	≥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		





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Features

1. 1100 aluminum sheet plate has medium strength, good formability, high plasticity, corrosion resistance, electrical conductivity and thermal conductivity.
2. 1100 aluminum sheet plate has strong weldability, gas welding, arc welding, contact spot welding, wire welding, and brazing.
3. 1100 aluminum sheet plate is easy to withstand various pressure processing, extension and bending.

Application

1100 aluminum plate is generally used in heat sinks, bottle caps, printing plates, cooking utensils, building materials, heat exchanger components, and can also be used as food and chemical handling and storage equipment, sheet metal products, hollow hardware processed by drawing and spinning, Welding combination keys, reflectors, nameplates, and deep-drawn products.

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

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

