

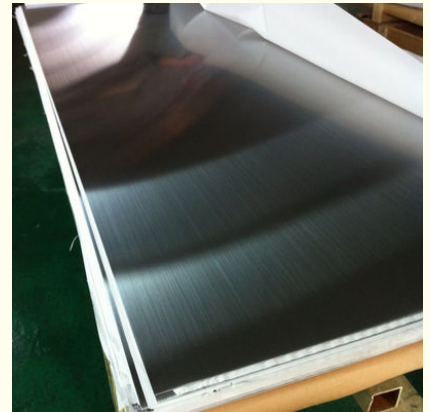


8K Mirror Finish Stainless Steel 904L Sheets AISI 3mm Thick For Decoration

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu
- Brand Name: Hailian
- Model Number: 904L
- Minimum Order Quantity: 1 ton
- Price: Negotiation
- Packaging Details: Standard seaworthy packing
- Delivery Time: 3 - 5 work days
- Payment Terms: L/C, T/T
- Supply Ability: 10000 ton per month



Product Specification

- Name: SS904L Stainless Steel Plate
- Grade: 904L
- Thickness: 3mm
- Type: Sheet
- Surface: 8k
- Size: 1219* 2438mm
- Color: White
- Application: Construction Use
- Standard: AISI
- Technique: Cold-rolled
- Highlight: **Stainless Steel 904L Sheets,
Stainless Steel 904L Sheets AISI,
8K Mirror Finish Stainless Steel Sheet**



Product Description

SS904L Stainless Steel Plate Cold - Rolled AISI 3mm Thickness 8k Finish Decoration Use 1219 * 2438mm Size

Product Description

904L uses, application scope and application fields are:

- * Petroleum, petrochemical equipment, such as reactors in petrochemical equipment, etc.
- * Storage and transportation equipment for sulfuric acid, such as heat exchangers, etc.
- * The flue gas desulfurization device in power plants is mainly used in: the tower body of the absorption tower, the flue, the shutter, the internal parts, the spray system, etc. 904L (N08904, 14539) super austenitic stainless steel contains 14.0-18.0% chromium, 24.0-26.0% nickel, 4.5% molybdenum.

904L super austenitic stainless steel is a low carbon, high nickel, molybdenum austenitic stainless steel, which is the exclusive material of H-S company from France.

It has good activation – passivation conversion ability, excellent corrosion resistance, in non-oxidizing acid such as sulfuric acid, acetic acid, formic acid, phosphoric acid has good corrosion resistance, in neutral medium containing chloride ion has good pitting resistance, and has good crack corrosion resistance and stress corrosion resistance.

Applicable to all concentrations of sulfuric acid below 70°C, under normal pressure any concentration, any temperature of acetic acid, and formic acid and acetic acid in the mixture of corrosion resistance is also very good.

is a low carbon, high-alloy austenitic stainless steel with excellent corrosion resistance in dilute sulfuric acid. It is designed for harsh corrosion conditions.

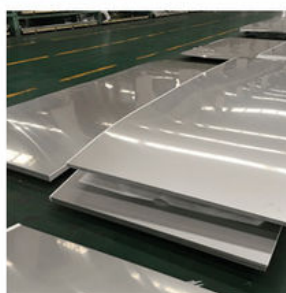
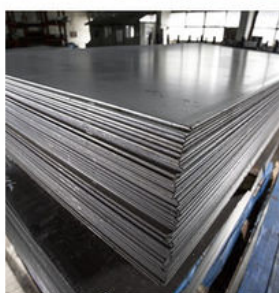
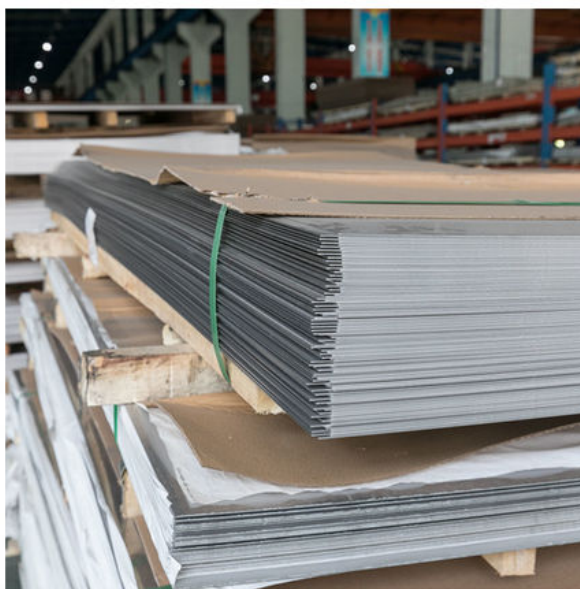
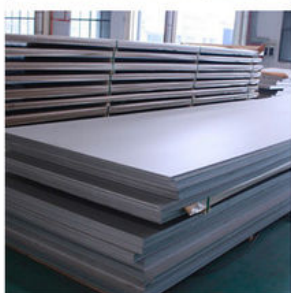
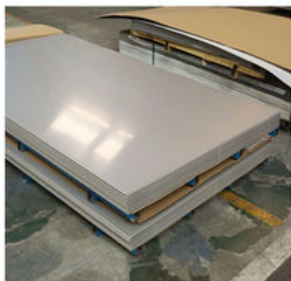
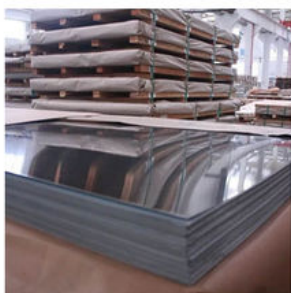
Has the high chromium content and plenty of nickel content, the addition of copper makes it have strong ability to resist acid, especially for chloride clearance corrosion and stress corrosion cracking are highly resistant, not easy to appear, erosion and fracture pitting resistance slightly better than other steel grade, good machinability and weldability, can be used for pressure vessels.

Since the carbon content of 904L is very low (Max. 0.020%), there will be no carbide precipitation during normal heat treatment and welding.

This eliminates the risk of intergranular corrosion that normally occurs after heat treatment and welding. Due to the high chromium, nickel, molybdenum content and the addition of copper, 904L can be passivated even in reducing environments, such as sulfuric acid and formic acid.

The high nickel content makes it have a low corrosion rate in the active state. In the concentration range of 0 to 98% pure sulfuric acid, 904L can be used at temperatures up to 40 degrees Celsius. Its corrosion resistance is very good in pure phosphoric acid in the concentration range of 0~85%. In industrial phosphoric acid produced by wet process, impurity has a strong effect on corrosion resistance. Of all the phosphoric acids, 904L has superior corrosion resistance to ordinary stainless steel. In highly oxidizing nitric acid, 904L has poor corrosion resistance compared to highly alloyed steels without molybdenum. In hydrochloric acid, the use of 904L is limited to lower concentrations of 1-2%. It's in this concentration range. The corrosion resistance of 904L is better than that of conventional stainless steel. 904L steel has high resistance to pitting corrosion. It also has excellent crevice corrosion resistance in chloride solutions. The high nickel content of 904L reduces the corrosion rate in pits and crevices.

Ordinary austenitic stainless steels may be sensitive to stress corrosion at temperatures above 60 ° C in a chloride-rich environment, and this sensitivity can be reduced by increasing the nickel content of the stainless steels. Due to its high nickel content, 904L is highly resistant to stress corrosion cracking in chloride solutions, concentrated hydroxide solutions and hydrogen sulphide-rich environments.



Product Properties

Product Name	stainless steel plate/sheet
Length	2000mm, 2438mm, 2500mm, 3000mm, 6000mm or as required
Width	1000mm, 1219mm, 1240mm, 1500mm, 1800mm, 2000mm or as required
Thickness	0.3-4mm cold rolled; 3-16mm hot rolled; 16-100mm hot rolled; Customized according to customer requirements
Standard	AISI,ASTM,DIN,JIS,GB,JIS,SUS,EN,etc
Technique	Hot rolled / cold rolled
Surface Treatment	2B ,2D, BA,No.1 ,No.3 ,No.4, No.5 ,No.8 ,8K,HL.etc.
Thickness Tolerance	±0.01mm
Material	201,202,301,302,302HQ,303,304,304L,304F,309,310,310s,314,314L,316,316L,316Ti,316F,317,317L,321,409L,410,410S,416,420,420J1,420JS430,430F,431,2205,2507 etc.
Application	It is widely used in high temperature applications, medical devices, building materials, chemistry, food industry,agriculture,ship components. It also applies to food, beverage packaging, kitchen supplies, trains, aircraft, conveyor belts, vehicles, bolts, nuts,springs,and screen.
MOQ	1 ton , We can accept sample order.
Shipment Time	Within 7-15 workdays after receiving deposit
Export Packing	Waterproof paper, and steel strip packed. Standard Export Seaworthy Package.Suit for all kinds of transport,or as required
Capacity	25000 tons/month

Company Profile

Conformity Certificate and other required certificates are available before the order. Samples are also available from us for you to test in your own testing facility. Hailian Steel also supports third-party inspection before shipping. Hailian Steel also welcomes a company tour for you to check our factory status. Shandong Hailian Steel Group has deeply engaged in Chinese domestic market for over 10 years. We established perfect reputation and deep co-operations with large number of reliable partners. Our high-tech factory and well-trained workers are able to manufacture best quality and highly customized metal products. The professional sales team guarantees the perfect trading experience with Hailian. Our company is willing to provide our copies of company registration certificate and Chinese exporting registration for you to view. These certificates are under Chinese Trading Law effect. They can help you officially check our company's capability and status. On the products' side, certificates as Mill Test Certificate(MTC), Third Party Material Quality Conformity Certificate and other required certificates are available before the order. Samples are also available from us for you to test in your own testing facility. Hailian Steel also supports third-party inspection before shipping. Hailian Steel also welcomes a company tour for you to check our factory status.

FAQ

1. Is customization available?

Our factory's expert equipment and highly-trained workers are capable of manufacturing highly customized products. Please feel free to discuss with us about your customized requirements, we can surely meet your needs.

2. Why should I choose you?

Our company has deeply engaged in metal material market for over 15 years. We established perfect reputation world-widely. Craftsmanship spirit is the fundamental of Xuda Steel since we are established. Xuda Steel keeps our products as highest quality and lowest price to maintain our self competitive. Proving our clients with best trading experience is the goal we always insist of.

3. What products and materials do you supply?

Our company mainly supplies all catalogs and all grades of steel and stainless steel products. Coils, strips, sheet, pipes, bars, beams, flanges and other customized products. Tin coating, Ti coating, galvanization and other surface treatments are also available.

Other than steel products, we also have high production capacity and hold large ready stock of all kinds of copper and aluminum products. Please feel free to consult us about any related products above, we can surely meet your requirements.



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