



ASTM A240 316L Stainless Steel Sheet Plate JIS 6mm 1000*2000mm

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu
- Brand Name: Hailian
- Model Number: 316L
- 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: SS316L Stainless Steel Plate
- Grade: 316L
- Thickness: 6mm
- Type: Sheet
- Surface: 2B
- Size: 1000* 2000mm
- Color: White
- Application: Construction Use
- Standard: JIS
- Technique: Cold-rolled
- Highlight: Stainless Steel Sheet Plate 6mm,
Stainless Steel Sheet Plate JIS,
ASTM A240 316L Stainless Steel Plate



Product Description

SS316L Stainless Steel Plate Cold - Rolled JIS 6mm Thickness 2B Finish Construction Use 1000 * 2000mm Size

Product Description

316 / 316L stainless steel plates are part of the austenitic family of stainless steel and is the most widely used varieties of stainless plate. 316 grades contain a higher level of Nickel than 304 giving it an improved corrosion resistance over 304 grades. 316/316L plate is a good option for marine applications due to a good atmospheric corrosion resistance. 316L is a low carbon modification to 316 grade. TW stocks only dual certified 316 / 316L grade plate certified to ASTM A240 and ASME SA240. The main difference between 316 and 316L stainless steel is in their **carbon content**. The 316L stainless steel compared to the 316 variant has a lower carbon content. Therefore, in terms of use for example, use related to corrosion, 316L is more capable than 316 stainless steel. Stainless steel is a popular rapid prototyping material used in different capabilities due to its durability, anti-corrosive property, strength, and other factors. It is an important material prepared by processes such as sheet metal fabrication and CNC machining for many purposes. While useful, there are a lot of stainless steel grades of which the 316 vs 316L stainless steel argument is very common. 316/316L Stainless Steel: The 'L' Designation The L denotes the low content of carbon in the steel. 316L is best known among fabricators for being resistant to cracks after the weld process is completed. 316 stainless steel or grade 316 as it is popularly called is a common alloy of stainless steel which has an austenite property. It contains a maximum carbon content of 0.08% and 2-3% of molybdenum content. The additional molybdenum is responsible for its corrosion resistance property, acidic condition use, and resistance to pitting and increased temperature.

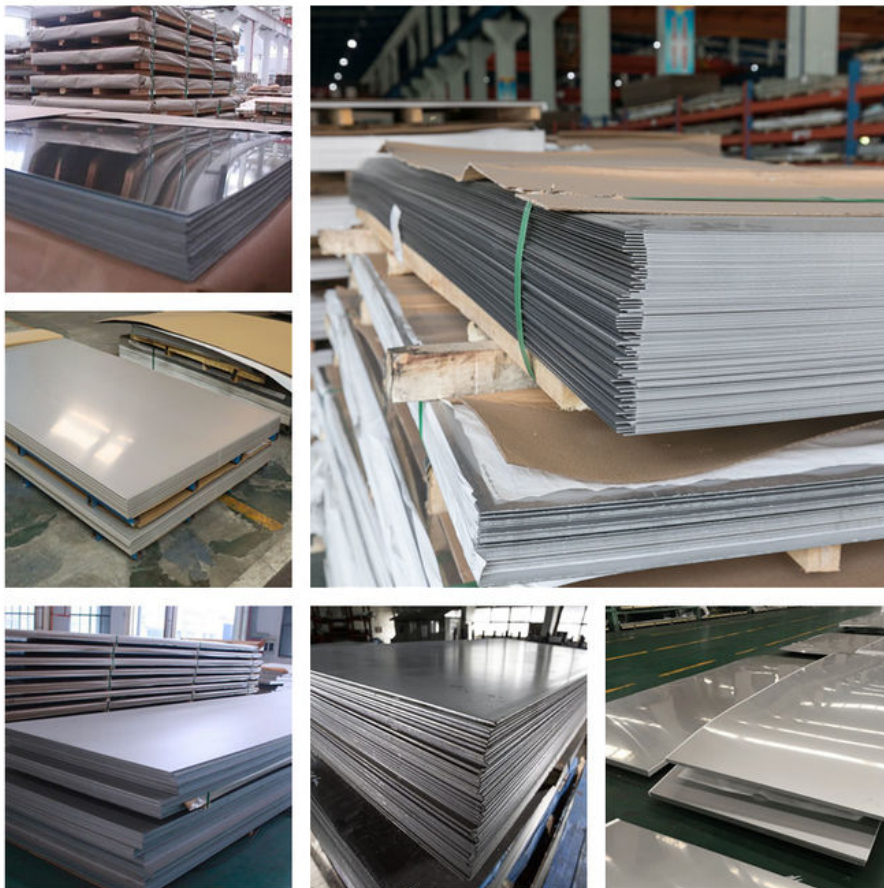
Properties of 316 Steel

The 316 stainless steel is applicable in different rapid prototyping operations for different functions based on its properties. Below are some of its important properties:

- It has high strength so you can mold it into different shapes without cracking
- It has a high resistance to corrosion and pitting; hence it can be used to fabricate materials that will be exposed to chemicals and acids
- It has a good form and weld property
- The elastic modulus is about 193GPa
- The melting point ranges from 13710C – 13990C
- The minimum rate of its tensile strength is 515MPa
- Its density is 7.98g/cm3

Applications of 316 Steel

316 stainless steel materials are used to fabricate products employed in areas where corrosive resistance is necessary. Examples of such uses are in making heat exchangers, pieces of pharmaceutical and photographic equipment, pumps, and parts constantly exposed to the marine environment. This alloy is also suitable for evaporators and apparatus for chemical processes. 316 stainless steel. It contains 0.03 maximum carbon content and molybdenum in its composition. This low carbon content reduces the effect of carbide precipitation during sheet metal fabrication processes such as welding.



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. 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.

3.

How can I make sure you are a reliable supplier?

Our company is willing to provide our copies of company registration certificate, registration 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.



Shandong Hailian Steel Group Co., Ltd



+86 18915261855



admin@sdlsteel.com



sheetstainless-steel.com

No. 1666, Xinluo Street, Jinan Area, China (Shandong) Pilot Free Trade Zone