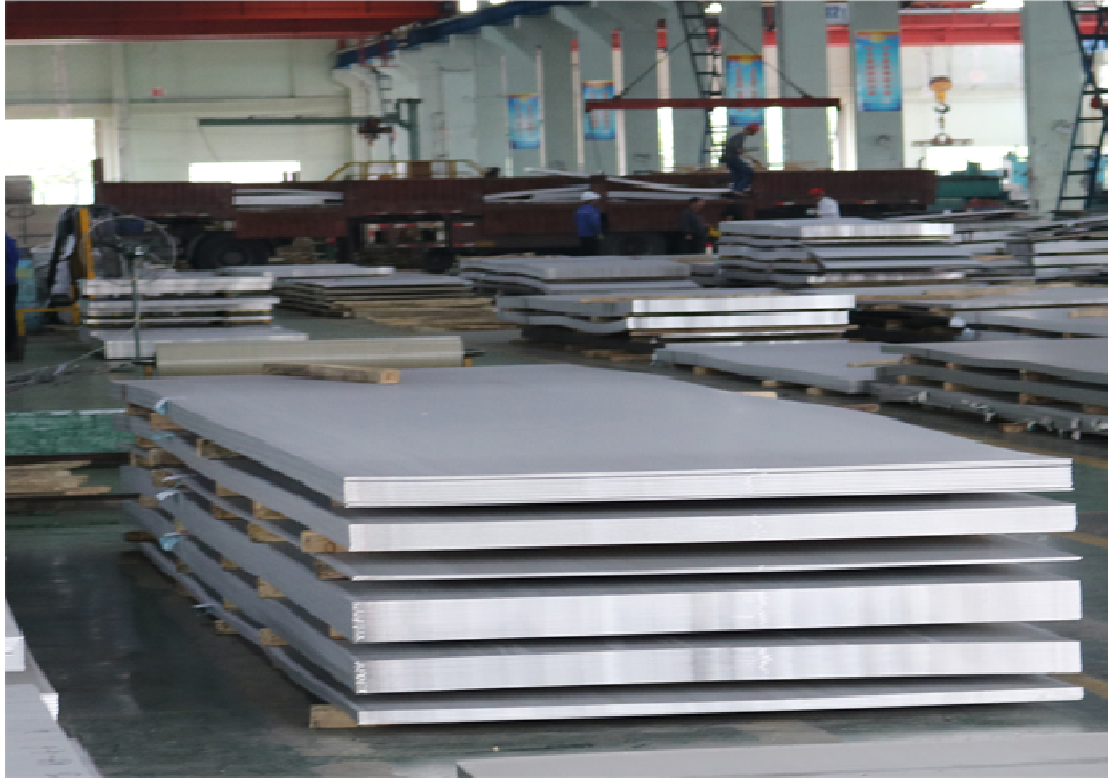




**Wuxi SDO stainless steel Co., Ltd**

## **316L Stainless Steel Sheet Corrosion Resistance**



Chinese Standard (GB)-old grade: 00Cr17Ni14Mo2, new grade: 022Cr17Ni12Mo2, Japanese standard: SUS316L, American standard ASTM-316L, as a low-c series of 316 steel, in addition to the same characteristics as 316 steel, and 316l stainless steel plate' s resistance to grain boundaries Excellent corrosiveness O316L steel is a product with special requirements for anti-grain boundary corrosion. Because of the addition of Mo, its corrosion resistance, atmospheric corrosion resistance and high temperature strength are particularly good, and it can be used under harsh conditions; 316l stainless steel sheet has excellent work hardening (non-magnetic). Due to the addition of Mo, its corrosion resistance, atmospheric corrosion resistance and high temperature strength are particularly good, and it can be used under harsh conditions; it has excellent work hardening properties and is non-magnetic. Shanxi Goldpro can provide 316l stainless steel in good price with high quality performance. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

### **What does the L stand for in 316L Stainless Steel Sheet?**

The L in 316L stands for carbon content. 16L is a stainless steel material grade, AISI 316L is the corresponding American label, and sus 316L is the corresponding Japanese label. China's unified digital code is S31603, the standard brand is 022Cr17Ni12Mo2 (new standard), and the old brand is 00Cr17Ni14Mo2, which indicates that it mainly contains Cr, Ni and Mo, and the number indicates the approximate percentage.

L means ultra-low carbon, that is, the content of C is less than 0.03%. 316L composition range (%): C≤0.03, Si≤1.00, Mn≤2.00, P≤0.035, S≤0.03, Ni:12.0-15.0, Cr:16.0-18.0, Mo:2.0-3.0.

## 316L Stainless Steel Sheet Specification

Item	Stainless Steel 316L sheet (Hot rolled, Cold rolled)
Thickness	0.3~10.0mm
Width	1000mm, 1219mm, 1500mm, 1800mm, 2000mm, 2500mm, 3000mm, 3500mm, etc
Length	2000mm, 2440mm, 3000mm, 5800mm, 6000mm, etc
Standard	JIS, AISI, ASTM, GB, DIN, EN, etc
Surface	2B, 2D, BA, NO.1, NO.4, NO.8, 8K, mirror, checkered, embossed, hair line, sand blast, Brush, etching, etc
Package	Shrink-wrapped, Carton boxes, Wooden pallets, Wooden boxes, Wooden crates Etc.
Export to	India, Indonesia, Malaysia, Singapore, Saudi Arabia, Qatar, UAE, Iran, Iraq, Oman, South Africa, Nigeria, Kenya, Italy, UK, Brazil, Russia, Egypt, Kuwait, Taiwan, Australia.
Edge	Mill Edge Slit Edge

## 316L Corrosion Resistant Stainless Steel Sheet Features And Practical Use

Element	C	Si	Mn	P	S	Cr	Mo	Ni
%	0.03	1	2	0.045	0.03	16-18	2-3	10-14

## Processing Service Of Our 316L Stainless Steel Sheet

- **Cutting+Slitting - 316L stainless steel narrow strip, special**

### **length/width plate**

(1) Flame cutting: The cost of flame cutting equipment is low and it is the only economical and effective means to cut thick metal plates, but it has its shortcomings in thin plate cutting.

(2) Laser cutting: Laser cutting equipment can cut stainless steel plates below 30mm. Adding oxygen to the laser beam can cut 40mm thick carbon steel, but after oxygen cutting, a thin oxide film will be formed on the cutting surface.

Wire cutting: It is developed on the basis of EDM perforation and forming. It has not only

(3) developed the application of EDM, but also replaced EDM perforation and forming in some aspects.

(4) Shearing cutting: Uses a moving upper blade and a fixed lower blade and uses a reasonable blade gap to apply shearing force to metal plates of various stainless steel gauge thickness so that the plates can be broken and separated according to the required size. Shearing machine is a kind of forging machinery, and its main function is the metal processing industry.

(5) Plasma cutting: It is a processing method that uses the heat of a high-temperature plasma arc to partially or partially melt (and evaporate) the metal at the incision of the workpiece and uses the momentum of the high-speed plasma to remove the molten metal to form an incision.

(6) Slitting: Also known as slitting, refers to the process of uncoiling, slitting, leveling, and winding of stainless steel coils into coils of the required width.

- **Surface processing - 8K mirror, HL hairline, color coating**

- **Bending+Welding - OEM customized products as drawing**

## Application Of 316L Corrosion Resistant Stainless Steel Sheet

√	316L Stainless Steel sheet Used in Food production
√	316L Stainless Steel sheet Used in medical treatment

√	316L Stainless Steel sheet Used in marine engineering
√	316L Stainless Steel sheet Used in marine pipeline
√	316L Stainless Steel sheet Used in submarine oil
√	316L Stainless Steel sheet Used in gas pipeline

## 310S Stainless Steel Sheet Processing

- 310S Stainless Steel Sheet Cutting
- 310S Stainless Steel Sheet Slitting
- 310S Stainless Steel Sheet Color coating
- 310S Stainless Steel Sheet Hairline/Brush
- 310S Stainless Steel Sheet Etching
- 310S Stainless Steel Sheet Welding
- 310S Stainless Steel Sheet Bending
- 310S Stainless Steel Sheet Embossing
- 310S Stainless Steel Sheet Bead Blasted
- 310S Stainless Steel Sheet Polishing

## 310S Stainless Steel sheet Stock Available

Tisco Stainless Steel 316L sheet	Stainless Steel 316L sheet	Jindal Stainless Steel 316L sheet
SS 316L Perforated sheet	A 240 316L sheet	SS DIN 1.4571 sheet
Stainless Steel 316L UNS S31635 sheet	SS 316L Embossed sheet	ThyssenKrupp Stainless Steel 316L sheet
A 240 Chequered 316L sheet	Outokumpu SS 316L sheet	ASTM A240 Stainless Steel 316L sheet
Aperam Stainless Steel 316L sheet	SA 240 316L Stainless Steel sheet	Surface Polishing SS 316L sheet
316L Stainless Steel HR sheet	Bright Hammered Pattern Decorative SS 316L sheet	316L Stainless Steel Blank sheet
316L Stainless Steel Chequered sheet	316L Stainless Steel CR sheet	316L Stainless Steel Perforated sheet

316L Stainless Steel Golden Laser Pattern sheet	316L Stainless Steel 2B sheet	Embossed ss 316L sheet
Super thin-Mirror surface BA ss 316L sheet	316L Stainless Steel B. Q. Profile sheets	Cheap cold rolled ss 316L sheet with best price
Super Austenitic SS 316L sheet	Best selling 4'x8' mirror finished ss 316L sheet	Brush finish ss 316L sheet price list
ASTM A240 316L sheet	Decorative hairline inox cold rolled ss 316L sheet	SS URANUS B6 316L sheet
JMSS cold rolled ss 316L sheet	Hair Line Finish SS 316L sheet	2B SUS SS 316L sheet
Cold Rolled No.1 Finish SS 316L sheet	Laser cutting ss 316L sheet	Food Grade Stainless Steel 316L sheet
SEW 400 Stainless Steel 316L sheet	Tisco Supplier 3mm Thickness Stainless Steel 316L sheet	No. 4 PVC Coated SS 316L sheet
Hot Rolled Stainless Steel 316L sheet	Decorative Stainless Steel 316L sheet	SS 316L sheet Blasted Tin-Gold Rose
Sales Promotion SS 316L sheet	Scotch Brite SS 316L sheet	2mm ASTM SS 316L sheet
Cr Stainless Steel 316L sheet	Baosteel Stainless Steel 316L sheet	Stainless Steel Corrugated 316L sheet
SS 316L Mill Test Certificate sheet	Stainless Steel Cladding 316L sheet	ASTM B625 316L sheet
ASTM A240 316L sheet	Black SS 316L sheet 4mm Thick	Brushed or dull polished Stainless Steel 316L sheet
Cold rolled, bright annealed 316L sheet	Bright-pickled Stainless Steel 316L sheet	Cold rolled, heat treated, pickled 316L sheet
Ground Stainless Steel 316L sheet	Cold rolled, heat treated 316L sheet	10K Mirror Finish Surface SS 316L sheet
Hot Selling AISI SS 316L	3mm Cold Rolled AISI SS	Gold Etched SS 316L

sheet	316L sheet	sheet
SS 316L Rose Golden sheet	Mill Supply SS 316L sheet	18 Gauge SS 316L sheet
Surface coated Stainless Steel 316L sheet	Grade Prime SS 316L sheet	Patterned Stainless Steel 316L sheet
Satin finish Stainless Steel 316L sheet	Carpenter Custom 450 Stainless Steel 316L sheet	Finish Stainless Steel 316L sheet
AISI stainless steel 316L armor sheet	Cut to Size Stainless Steel 316L sheet	Patterned Stainless Steel 316L sheet
Satin finish Stainless Steel 316L sheet	Non Magnetic Polishing Stainless Steel 316L sheet	Passenger Elevator Cabin SS 316L sheet
Mirror Finish SS 316L sheet	ASME SA240 316L sheet	SS 316L sheet Gold Brush Finish