



Wuxi SDO stainless steel Co., Ltd

304L Stainless Steel Sheet



304L is a steel grade obtained by reducing the carbon content of 304 to less than 0.03%. Its general characteristics are almost the same as 304, but 304L stainless steel can inhibit the sensitization caused by the precipitation of chromium carbide between 500 and 900oC. , Improve the sensitivity of intergranular corrosion caused by welding, etc., so it is suitable for large-scale welding structure materials and pipe fittings that need to be used directly after welding.

The biggest feature of 304L stainless steel is to improve the susceptibility to intergranular corrosion and reduce the carbon content to the welded part without causing practical heat sensitization problems. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

304L Stainless Steel Sheet Specification

Item	Stainless Steel 304L 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.
Edge	Mill Edge Slit Edge
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.

Chemical elements Of 304L stainless steel sheet

The elements of [ss 304 sheet](#) is as follows:

Element	C	Si	Mn	P	S	Cr	Mo	Ni	N
%	0.03	1	2	0.045	0.03	18-20	2.5	8-12	0

Processing Service Of Our 304L Stainless Steel Sheet

- **Cutting+Slitting - 304L 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 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 thicknesses 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

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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 304L Corrosion Resistant Stainless Steel Sheet

√	304L Stainless Steel sheet Used in the chemical
√	304L Stainless Steel sheet Used in coal
√	304L Stainless Steel sheet Used in petroleum industries
√	304L Stainless Steel sheet Used in building materials
√	304L Stainless Steel sheet Used in heat-resistant parts
√	304L Stainless Steel sheet Used in parts with difficult heat treatment.

304L Stainless Steel Sheet Processing

- 304L Stainless Steel Sheet Cutting
- 304L Stainless Steel Sheet Slitting
- 304L Stainless Steel Sheet Color coating
- 304L Stainless Steel Sheet Hairline/Brush
- 304L Stainless Steel Sheet Etching
- 304L Stainless Steel Sheet Welding
- 304L Stainless Steel Sheet Bending
- 304L Stainless Steel Sheet Embossing
- 304L Stainless Steel Sheet Bead Blasted
- 304L Stainless Steel Sheet Polishing

304L Stainless Steel sheet Stock Available

Tisco Stainless Steel 304L sheet	Stainless Steel 304L sheet	Jindal Stainless Steel 304L sheet
SS 304L Perforated sheet	A 240 304L sheet	SS DIN 1.4571 sheet

Stainless Steel 304L UNS S31635 sheet	SS 304L Embossed sheet	ThyssenKrupp Stainless Steel 304L sheet
A 240 Chequered 304L sheet	Outokumpu SS 304L sheet	ASTM A240 Stainless Steel 304L sheet
Aperam Stainless Steel 304L sheet	SA 240 304L Stainless Steel sheet	Surface Polishing SS 304L sheet
304L Stainless Steel HR sheet	Bright Hammered Pattern Decorative SS 304L sheet	304L Stainless Steel Blank sheet
304L Stainless Steel Chequered sheet	304L Stainless Steel CR sheet	304L Stainless Steel Perforated sheet
304L Stainless Steel Golden Laser Pattern sheet	304L Stainless Steel 2B sheet	Embossed ss 304L sheet
Super thin-Mirror surface BA ss 304L sheet	304L Stainless Steel B. Q. Profile sheets	Cheap cold rolled ss 304L sheet with best price
Super Austenitic SS 304L sheet	Best selling 4'x8' mirror finished ss 304L sheet	Brush finish ss 304L sheet price list
ASTM A240 304L sheet	Decorative hairline inox cold rolled ss 304L sheet	SS URANUS B6 304L sheet
JMSS cold rolled ss 304L sheet	Hair Line Finish SS 304L sheet	2B SUS SS 304L sheet
Cold Rolled No.1 Finish SS 304L sheet	Laser cutting ss 304L sheet	Food Grade Stainless Steel 304L sheet
SEW 400 Stainless Steel 304L sheet	Tisco Supplier 3mm Thickness Stainless Steel 304L sheet	No. 4 PVC Coated SS 304L sheet
Hot Rolled Stainless Steel 304L sheet	Decorative Stainless Steel 304L sheet	SS 304L sheet Blasted Tin-Gold Rose
Sales Promotion SS 304L sheet	Scotch Brite SS 304L sheet	2mm ASTM SS 304L sheet
Cr Stainless Steel 304L sheet	Baosteel Stainless Steel 304L sheet	Stainless Steel Corrugated 304L sheet
SS 304L Mill Test Certificate sheet	Stainless Steel Cladding 304L sheet	ASTM B625 304L sheet
ASTM A240 304L sheet	Black SS 304L sheet 4mm Thick	Brushed or dull polished Stainless Steel 304L sheet
Cold rolled, bright	Bright-pickled Stainless Steel	Cold rolled, heat treated,

annealed 304L sheet	304L sheet	pickled 304L sheet
Ground Stainless Steel 304L sheet	Cold rolled, heat treated 304L sheet	10K Mirror Finish Surface SS 304L sheet
Hot Selling AISI SS 304L sheet	3mm Cold Rolled AISI SS 304L sheet	Gold Etched SS 304L sheet
SS 304L Rose Golden sheet	Mill Supply SS 304L sheet	18 Gauge SS 304L sheet
Surface coated Stainless Steel 304L sheet	Grade Prime SS 304L sheet	Patterned Stainless Steel 304L sheet
Satin finish Stainless Steel 304L sheet	Carpenter Custom 450 Stainless Steel 304L sheet	Finish Stainless Steel 304L sheet
AISI stainless steel 304L armor sheet	Cut to Size Stainless Steel 304L sheet	Patterned Stainless Steel 304L sheet
Satin finish Stainless Steel 304L sheet	Non Magnetic Polishing Stainless Steel 304L sheet	Passenger Elevator Cabin SS 304L sheet
Mirror Finish SS 304L sheet	ASME SA240 304L sheet	SS 304L sheet Gold Brush Finish