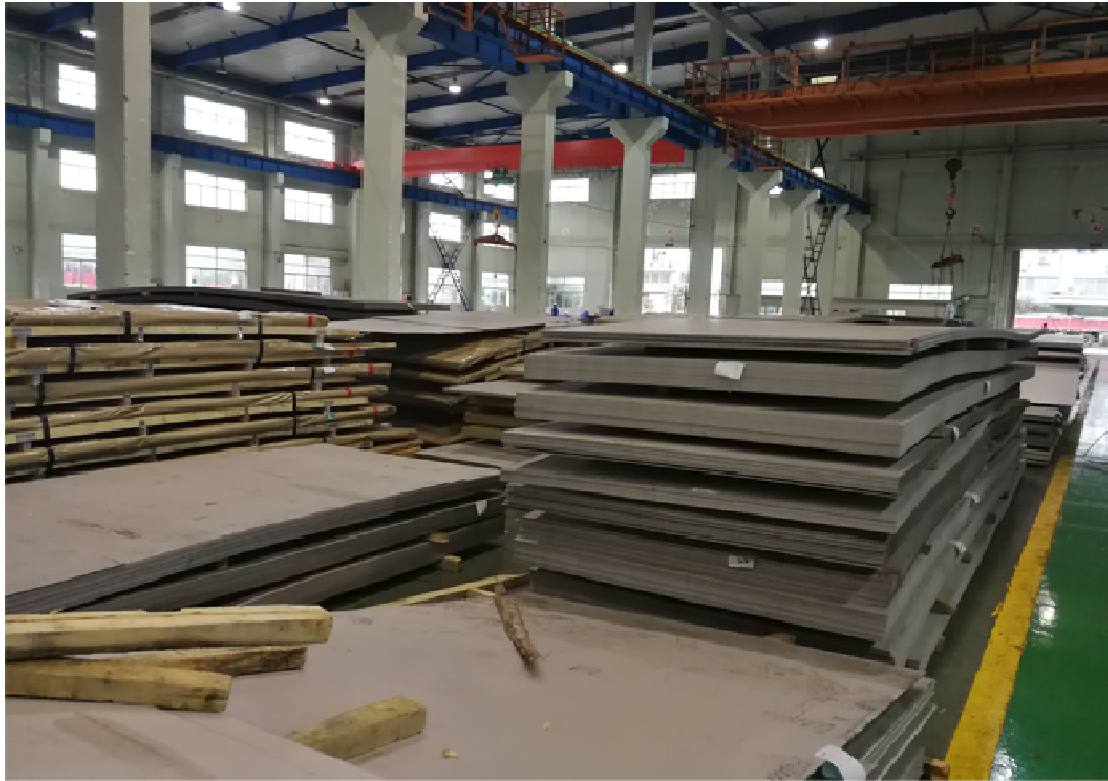




Wuxi SDO stainless steel Co., Ltd

444 Stainless Steel Sheet



The yield strength of stainless steel 444 is equivalent to 1.5 times that of carbon steel and 6 times that of glass fiber reinforced plastics. It has outstanding performance in earthquake resistance, snow resistance, wind pressure resistance, and stamping resistance. 444 ferritic stainless steel has high thermal conductivity, about 130%-150% of chromium-nickel austenitic stainless steel, which is very suitable for heat exchange purposes. The coefficient of thermal expansion is small, and the sub-unit is only 60%-70% of the chromium-nickel austenitic stainless steel. It is very suitable for use without deformation under conditions of thermal expansion and contraction, and thermal cycling. This steel has good plasticity and toughness, and is suitable for drawing, forming and stamping. This steel has the most excellent application in corrosion resistance. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

444 Stainless Steel Sheet Specification

Item	Stainless Steel 444 sheet (Hot rolled, Cold rolled)
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shirley@sdosssheet.com

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.

444 Corrosion Resistant Stainless Steel Sheet Features And Practical Use

Element	C	Si	Mn	P	S	Cr	Ni
%	0.2	1	1	0.04	0.03	15.00~17.00	2.5

Processing Service Of Our 444 Stainless Steel Sheet

- **Cutting+Slitting - 444 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.

(3) 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

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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 444 Corrosion Resistant Stainless Steel Sheet

application	Mainly used for water tank, hot water system equipment (solar, electric water heater), heat exchanger, automobile exhaust pipe
Feature	Excellent resistance to salt corrosion, pitting corrosion and intergranular corrosion; excellent welding and processing performance
Market dynamics	With the rapid development of my country's economy and the improvement of people's living standards, and the strengthening of health awareness and environmental protection awareness, the demand for stainless steel water tanks will increase. 444 will inevitably be recognized and valued as a special material for water tanks.

444 Stainless Steel Sheet Processing

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

444 Stainless Steel Sheet Stock Available

Tisco Stainless Steel 444 sheet	Stainless Steel 444 sheet	Jindal Stainless Steel 444 sheet
SS 444 Perforated sheet	A 240 444 sheet	SS DIN 1.4571 sheet
Stainless Steel 444 UNS S31635 sheet	SS 444 Embossed sheet	ThyssenKrupp Stainless Steel 444 sheet
A 240 Chequered 444 sheet	Outokumpu SS 444 sheet	ASTM A240 Stainless Steel 444 sheet
Aperam Stainless Steel 444 sheet	SA 240 444 Stainless Steel sheet	Surface Polishing SS 444 sheet
444 Stainless Steel HR sheet	Bright Hammered Pattern Decorative SS 444 sheet	444 Stainless Steel Blank sheet
444 Stainless Steel Chequered sheet	444 Stainless Steel CR sheet	444 Stainless Steel Perforated sheet
444 Stainless Steel Golden Laser Pattern sheet	444 Stainless Steel 2B sheet	Embossed ss 444 sheet
Super thin-Mirror surface BA ss 444 sheet	444 Stainless Steel B. Q. Profile sheets	Cheap cold rolled ss 444 sheet with best price
Super Austenitic SS 444 sheet	Best selling 4'x8' mirror finished ss 444 sheet	Brush finish ss 444 sheet price list
ASTM A240 444 sheet	Decorative hairline inox cold rolled ss 444 sheet	SS URANUS B6 444 sheet
JMSS cold rolled ss 444 sheet	Hair Line Finish SS 444 sheet	2B SUS SS 444 sheet
Cold Rolled No.1 Finish SS 444 sheet	Laser cutting ss 444 sheet	Food Grade Stainless Steel 444 sheet
SEW 400 Stainless Steel 444 sheet	Tisco Supplier 3mm Thickness Stainless Steel 444 sheet	No. 4 PVC Coated SS 444 sheet
Hot Rolled Stainless Steel 444 sheet	Decorative Stainless Steel 444 sheet	SS 444 sheet Blasted Tin-Gold Rose
Sales Promotion SS 444 sheet	Scotch Brite SS 444 sheet	2mm ASTM SS 444 sheet
Cr Stainless Steel 444 sheet	Baosteel Stainless Steel 444 sheet	Stainless Steel Corrugated 444 sheet

SS 444 Mill Test Certificate sheet	Stainless Steel Cladding 444 sheet	ASTM B625 444 sheet
ASTM A240 444 sheet	Black SS 444 sheet 4mm Thick	Brushed or dull polished Stainless Steel 444 sheet
Cold rolled, bright annealed 444 sheet	Bright-pickled Stainless Steel 444 sheet	Cold rolled, heat treated, pickled 444 sheet
Ground Stainless Steel 444 sheet	Cold rolled, heat treated 444 sheet	10K Mirror Finish Surface SS 444 sheet
Hot Selling AISI SS 444 sheet	3mm Cold Rolled AISI SS 444 sheet	Gold Etched SS 444 sheet
SS 444 Rose Golden sheet	Mill Supply SS 444 sheet	18 Gauge SS 444 sheet
Surface coated Stainless Steel 444 sheet	Grade Prime SS 444 sheet	Patterned Stainless Steel 444 sheet
Satin finish Stainless Steel 444 sheet	Carpenter Custom 450 Stainless Steel 444 sheet	Finish Stainless Steel 444 sheet
AISI stainless steel 444 armor sheet	Cut to Size Stainless Steel 444 sheet	Patterned Stainless Steel 444 sheet
Satin finish Stainless Steel 444 sheet	Non Magnetic Polishing Stainless Steel 444 sheet	Passenger Elevator Cabin SS 444 sheet
Mirror Finish SS 444 sheet	ASME SA240 444 sheet	SS 444 sheet Gold Brush Finish