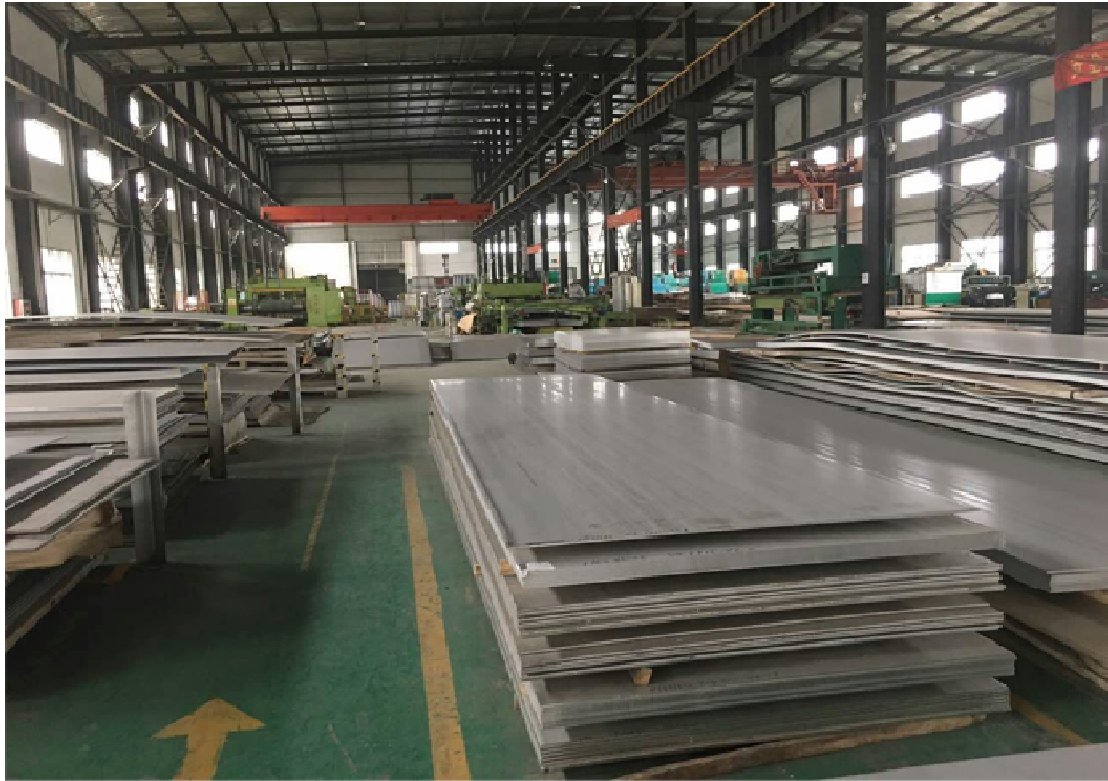




Wuxi SDO stainless steel Co., Ltd

431 Stainless Steel Sheet



431 steel sheet has a good oxidation resistance and intensity of medium temperature. So it is widely used in decoration, surgical instruments, household appliances, cookware, tableware, automobile and other industry construction. 431 stainless steel has high strength, but poor plasticity and weldability. The commonly used grades of martensitic stainless steel are 1Cr13, 3Cr13, etc. Because of its high carbon content, it has high strength, hardness and wear resistance, but its corrosion resistance is slightly poor. It is used for springs, steam turbine blades, hydraulic valves and other parts with high mechanical properties and general corrosion resistance requirements. It is used after quenching and tempering. Annealing treatment is required after forging and stamping. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

431 Stainless Steel Sheet Specification

Item	Stainless Steel 431 sheet (Hot rolled, Cold rolled)
Thickness	0.3~10.0mm

www.sdosssheet.com

shirley@sdosssheet.com

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 431 Stainless Steel Sheet

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 431 Stainless Steel Sheet

● Cutting+Slitting - 431stainless 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 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 431 Corrosion Resistant Stainless Steel Sheet

Used as parts, containers and equipment with high resistance to corrosion by nitric acid and organic acids.

431 Stainless Steel Sheet Processing

- [431 Stainless Steel](#) Sheet Cutting
- 431 Stainless Steel Sheet Slitting
- 431 Stainless Steel Sheet Color coating
- 431 Stainless Steel Sheet Hairline/Brush
- 431 Stainless Steel Sheet Etching
- 431 Stainless Steel Sheet Welding
- 431 Stainless Steel Sheet Bending
- 431 Stainless Steel Sheet Embossing
- 431 Stainless Steel Sheet Bead Blasted
- 431 Stainless Steel Sheet Polishing

431 Stainless Steel Sheet Stock Available

Tisco Stainless Steel 431 sheet	Stainless Steel 431 sheet	Jindal Stainless Steel 431 sheet
SS 431 Perforated sheet	A 240 431 sheet	SS DIN 1.4571 sheet
Stainless Steel 431 UNS S31635 sheet	SS 431 Embossed sheet	ThyssenKrupp Stainless Steel 431 sheet
A 240 Chequered 431 sheet	Outokumpu SS 431 sheet	ASTM A240 Stainless Steel 431 sheet
Aperam Stainless Steel 431 sheet	SA 240 431 Stainless Steel sheet	Surface Polishing SS 431 sheet

431 Stainless Steel HR sheet	Bright Hammered Pattern Decorative SS 431 sheet	431 Stainless Steel Blank sheet
431 Stainless Steel Chequered sheet	431 Stainless Steel CR sheet	431 Stainless Steel Perforated sheet
431 Stainless Steel Golden Laser Pattern sheet	431 Stainless Steel 2B sheet	Embossed ss 431 sheet
Super thin-Mirror surface BA ss 431 sheet	431 Stainless Steel B. Q. Profile sheets	Cheap cold rolled ss 431 sheet with best price
Super Austenitic SS 431 sheet	Best selling 4'x8' mirror finished ss 431 sheet	Brush finish ss 431 sheet price list
ASTM A240 431 sheet	Decorative hairline inox cold rolled ss 431 sheet	SS URANUS B6 431 sheet
JMSS cold rolled ss 431 sheet	Hair Line Finish SS 431 sheet	2B SUS SS 431 sheet
Cold Rolled No.1 Finish SS 431 sheet	Laser cutting ss 431 sheet	Food Grade Stainless Steel 431 sheet
SEW 400 Stainless Steel 431 sheet	Tisco Supplier 3mm Thickness Stainless Steel 431 sheet	No. 4 PVC Coated SS 431 sheet
Hot Rolled Stainless Steel 431 sheet	Decorative Stainless Steel 431 sheet	SS 431 sheet Blasted Tin-Gold Rose
Sales Promotion SS 431 sheet	Scotch Brite SS 431 sheet	2mm ASTM SS 431 sheet
Cr Stainless Steel 431 sheet	Baosteel Stainless Steel 431 sheet	Stainless Steel Corrugated 431 sheet
SS 431 Mill Test Certificate sheet	Stainless Steel Cladding 431 sheet	ASTM B625 431 sheet
ASTM A240 431 sheet	Black SS 431 sheet 4mm Thick	Brushed or dull polished Stainless Steel 431 sheet
Cold rolled, bright annealed 431 sheet	Bright-pickled Stainless Steel 431 sheet	Cold rolled, heat treated, pickled 431 sheet
Ground Stainless Steel 431 sheet	Cold rolled, heat treated 431 sheet	10K Mirror Finish Surface SS 431 sheet
Hot Selling AISI SS 431 sheet	3mm Cold Rolled AISI SS 431 sheet	Gold Etched SS 431 sheet
SS 431 Rose Golden sheet	Mill Supply SS 431 sheet	18 Gauge SS 431 sheet

Surface coated Stainless Steel 431 sheet	Grade Prime SS 431 sheet	Patterned Stainless Steel 431 sheet
Satin finish Stainless Steel 431 sheet	Carpenter Custom 450 Stainless Steel 431 sheet	Finish Stainless Steel 431 sheet
AISI stainless steel 431 armor sheet	Cut to Size Stainless Steel 431 sheet	Patterned Stainless Steel 431 sheet
Satin finish Stainless Steel 431 sheet	Non Magnetic Polishing Stainless Steel 431 sheet	Passenger Elevator Cabin SS 431 sheet
Mirror Finish SS 431 sheet	ASME SA240 431 sheet	SS 431 sheet Gold Brush Finish