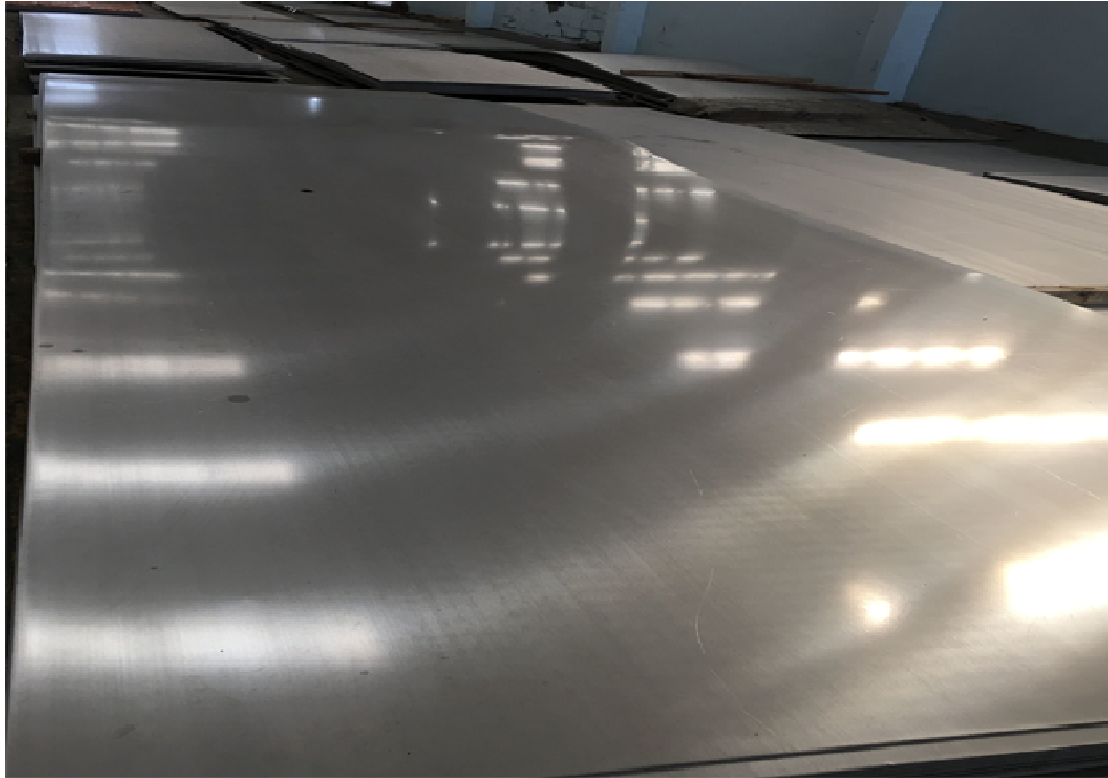




**Wuxi SDO stainless steel Co., Ltd**

## **304 Stainless Steel Sheet**



304 stainless steel plate is a universal stainless steel material, and its anti-rust performance is stronger than that of 200 series stainless steel materials. High temperature resistance is also better. 304 stainless steel has excellent corrosion resistance and good resistance to intergranular corrosion. For oxidizing acids, it is found in experiments that 304 stainless steel steel plates have strong corrosion resistance in nitric acid with a concentration of  $\leq 65\%$  and below the boiling temperature. It also has good corrosion resistance to alkaline solutions and most organic and inorganic acids. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

## **Chemical Elements of 304 Stainless Steel Sheet**

| Element | C    | Si | Mn      | P    | S    | Cr        | Mo  | Ni      | Ti  |
|---------|------|----|---------|------|------|-----------|-----|---------|-----|
| %       | 0.15 | 1  | 5.5-7.5 | 0.06 | 0.03 | 16.0-18.0 | 2.5 | 3.5-5.5 | 0.7 |

## 304 Stainless Steel Sheet Specification

|           |   |
|-----------|---|
| Item      | Stainless Steel 304 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. |

## Processing Service Of Our 304 Stainless Steel Sheet

- **Cutting+Slitting - 304 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.

(3) 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.

(4) 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.

(5) 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 304 Corrosion Resistant Stainless Steel Sheet

|   |  |
|---|--|
| √ | 304 Stainless Steel sheet Used in tableware          |
| √ | 304 Stainless Steel sheet Used in cupboard           |
| √ | 304 Stainless Steel sheet Used in Indoor pipeline    |
| √ | 304 Stainless Steel sheet Used in Water heaters      |
| √ | 304 Stainless Steel sheet Used in boilers            |
| √ | 304 Stainless Steel sheet Used in bathtubs           |
| √ | 304 Stainless Steel sheet Used in auto parts         |
| √ | 304 Stainless Steel sheet Used in medical appliances |
| √ | 304 Stainless Steel sheet Used in building materials |
| √ | 304 Stainless Steel sheet Used in chemicals          |
| √ | 304 Stainless Steel sheet Used in agriculture        |

## 304 Stainless Steel Sheet Processing

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

- 304 Stainless Steel Sheet Bead Blasted
- 304 Stainless Steel Sheet Polishing

## 304 Stainless Steel sheet Stock Available

|  |  |   |
|--|--|---|
| Tisco Stainless Steel 304 sheet                | Stainless Steel 304 sheet                              | Jindal Stainless Steel 304 sheet                    |
| SS 304 Perforated sheet                        | A 240 304 sheet  | SS DIN 1.4571 sheet                                 |
| Stainless Steel 304 UNS S31635 sheet           | SS 304 Embossed sheet                                  | ThyssenKrupp Stainless Steel 304 sheet              |
| A 240 Chequered 304 sheet                      | Outokumpu SS 304 sheet                                 | ASTM A240 Stainless Steel 304 sheet                 |
| Aperam Stainless Steel 304 sheet               | SA 240 304 Stainless Steel sheet                       | Surface Polishing SS 304 sheet                      |
| 304 Stainless Steel HR sheet                   | Bright Hammered Pattern Decorative SS 304 sheet        | 304 Stainless Steel Blank sheet                     |
| 304 Stainless Steel Chequered sheet            | 304 Stainless Steel CR sheet                           | 304 Stainless Steel Perforated sheet                |
| 304 Stainless Steel Golden Laser Pattern sheet | 304 Stainless Steel 2B sheet                           | Embossed ss 304 sheet                               |
| Super thin-Mirror surface BA ss 304 sheet      | 304 Stainless Steel B. Q. Profile sheets               | Cheap cold rolled ss 304 sheet with best price      |
| Super Austenitic SS 304 sheet                  | Best selling 4'x8' mirror finished ss 304 sheet        | Brush finish ss 304 sheet price list                |
| ASTM A240 304 sheet                            | Decorative hairline inox cold rolled ss 304 sheet      | SS URANUS B6 304 sheet                              |
| JMSS cold rolled ss 304 sheet                  | Hair Line Finish SS 304 sheet                          | 2B SUS SS 304 sheet                                 |
| Cold Rolled No.1 Finish SS 304 sheet           | Laser cutting ss 304 sheet                             | Food Grade Stainless Steel 304 sheet                |
| SEW 400 Stainless Steel 304 sheet              | Tisco Supplier 3mm Thickness Stainless Steel 304 sheet | No. 4 PVC Coated <a href="#">304 ss plate</a> sheet |
| Hot Rolled Stainless Steel 304 sheet           | Decorative Stainless Steel 304 sheet                   | SS 304 sheet Blasted Tin-Gold Rose                  |
| Sales Promotion SS 304 sheet                   | Scotch Brite SS 304 sheet                              | 2mm ASTM SS 304 sheet                               |

|  |  |  |
|--|--|--|
| Cr Stainless Steel 304 sheet             | Baosteel Stainless Steel 304 sheet               | Stainless Steel Corrugated 304 sheet               |
| SS 304 Mill Test Certificate sheet       | Stainless Steel Cladding 304 sheet               | ASTM B625 304 sheet                                |
| ASTM A240 304 sheet                      | Black SS 304 sheet 4mm Thick                     | Brushed or dull polished Stainless Steel 304 sheet |
| Cold rolled, bright annealed 304 sheet   | Bright-pickled Stainless Steel 304 sheet         | Cold rolled, heat treated, pickled 304 sheet       |
| Ground Stainless Steel 304 sheet         | Cold rolled, heat treated 304 sheet              | 10K Mirror Finish Surface SS 304 sheet             |
| Hot Selling AISI SS 304 sheet            | 3mm Cold Rolled AISI SS 304 sheet                | Gold Etched SS 304 sheet                           |
| SS 304 Rose Golden sheet                 | Mill Supply SS 304 sheet                         | 18 Gauge SS 304 sheet                              |
| Surface coated Stainless Steel 304 sheet | Grade Prime SS 304 sheet                         | Patterned Stainless Steel 304 sheet                |
| Satin finish Stainless Steel 304 sheet   | Carpenter Custom 450 Stainless Steel 304 sheet   | Finish Stainless Steel 304 sheet                   |
| AISI stainless steel 304 armor sheet     | Cut to Size Stainless Steel 304 sheet            | Patterned Stainless Steel 304 sheet                |
| Satin finish Stainless Steel 304 sheet   | Non Magnetic Polishing Stainless Steel 304 sheet | Passenger Elevator Cabin SS 304 sheet              |
| Mirror Finish SS 304 sheet               | ASME SA240 304 sheet                             | SS 304 sheet Gold Brush Finish                     |