

[BEBON](#) 304 stainless steel plate

All metals and oxygen react in the atmosphere, and then the surface forms an oxide film. Unfortunately, iron oxide in the general carbon steel continues to oxidize, making the rust expand, and ultimately leads to the formation of holes. You can use paint or oxidation-resistant metals (e.g., zinc, nickel, and chromium) plating to protect the steel surface, but, as people know, this protection is only a film. If the protective layer is damaged, the steel begins to rust. Chromium is the basic element to obtain corrosion resistance of stainless steel. When the steel contains about 12% chromium, the chromium and oxygen of the corrosive media react thus forming a thin oxide film (the passive film) on the steel surface, which can prevent further corrosion of the steel substrate. In addition to chromium, there are common alloying elements of nickel, molybdenum, titanium, niobium, copper, nitrogen, etc., to meet a variety of uses and properties of stainless steel requirements.

The four major classes of stainless steel are:

1. Ferritic: Chromium-iron alloys with 12-30% chromium. Its corrosion resistance, toughness, and weldability improve with the increase of chromium content, and the resistance to chloride stress corrosion is better than other types of stainless steel.

2. Austenitic: Chromium-nickel-iron alloys with more than 18% chromium, 8% nickel (Ni), very little molybdenum, titanium, nitrogen, if any. Good overall performance, makes it resist corrosion from a variety of media.

3. Duplex: Two-phase alloys based on the Fe-Cr-Ni system. It owns advantages both in austenitic and ferritic stainless steel, with superplasticity.

4. Martensitic: Chromium-iron alloys with 10.5-17% chromium. High strength, poor ductility and weldability.

[Henan BEBON](#) 304 stainless steel plate includes imported 304 stainless steel plate (Japan) and domestic 304 stainless steel plate. Our steel has complete ranges of specifications, favorable price.

1. Main products: 301 stainless steel plate, 304 stainless steel coil, 321 stainless steel plate and coil, 316 stainless steel plate.
2. Grades: SUS304, 316, 310, 310S, 304L, 316L, 201, 430, 303 etc.
3. Specification / mm: 1220*2440 1000*2000 1500*3000
4. Thickness / mm: 0.3-20
5. Application: Petroleum, electronics, chemical, pharmaceutical, textile, food, machinery, construction, nuclear power, aerospace, military and other industries.
6. Surface Finish: 2B, BA, NO.1, NO.4, 2D, HL, 8K

7. Quality management : ISO9001:2000 quality management system certification, production license
8. Remarks : Non-standard variety of materials and specifications can be customized of stainless steel plate, coil

BEBON's success,condenses the great kindness of consumers, but also inspires the whole staff to create greater glory for the enterprises in hard work of faith, so as to make a contribution to stainless steel plate industry .

Service Guarantees :Quality ,Time,and Quantity assurance.

Service Tenet: Strong strength, High-quality products, Competitive prices, First-class service.

Solemn Promise: Ensure the best product, high quality, lowest price,excellent service to thank the trust of old and new customers.

Operating principles:customer driven, superior quality,various specification, reasonable prices.

Wholesale and retail, from one sheet;

Customers can pick and choose the required length or other requirements;

Booking, purchasing all kinds of steel contract or special specifications;

Transfer short specifications, to avoid the work of procurement:

Manage transportation,if large quantity is there,providing direct delivery to your aimed place;

Work on weekends and holidays;

Arrange tracking for the overall quality to get rid of your worries.