



304 Stainless Steel Strip

Ningbo Qihong Stainless Steel Co., Ltd. is specialized in precision stainless steel strips, we have a excellent professional team that can provide customized services for products. The material production factory has several sets of precision stainless steel professional equipments. We can choose the most matching stainless steel material according to the characteristics of the customer's application, provide a comprehensive solution, and look forward to cooperating with you.

The corresponding Chinese grade of 304 stainless steel is 06Cr19Ni10, which belongs to austenitic stainless steel plate and is a kind of high alloy steel that can resist corrosion in air or chemical corrosive medium. 304 stainless steel strip is a common and universal material in stainless steel, and has a wide user base in the market. 304 stainless steel strip has good corrosion resistance, heat resistance, low temperature strength and mechanical properties, it has good processing performance and good hot workability such as weldability, stamping/bending, no heat treatment hardening phenomenon, its good processing performance and excellent corrosion resistance are generally recognized. The density of 304 stainless steel is 7.93g/cm³, and it must contain more than 18% chromium and more than 8% nickel. It is also called 18/8 stainless steel in the industry. The steel has the characteristics of good processing performance and high toughness, and can be widely used in industrial equipment parts, furniture decoration industry, food and medical industries that require good comprehensive performance.

Product Parameter (Specification)

Material	304 316 301 310 430 201 400 420 421
Surface	NO.1, NO.4, 2D, 2B, BA, 6K, 8K, Mirror, etc
Thickness	0.02mm-4.0mm/Customized
Length	200-3500 mm or customized

Width	2-1500 mm or customized
Standard	ASTM, JIS, GB, AISI, DIN, BS, EN
Certifications	SGS ISO9001
Packing	Industry standard packaging or according to client's requirement
Brand	TISCO, POSCO, BAO STEEL, TSINGSHAN, QIYI STEEL etc .
Payment terms	L/C, T/T
Delivery time	Up to order quantity, contact us to know

Product Feature And Application

We can see products made of 304 stainless steel as the base material almost everywhere in our life. As the oldest and almost household-known stainless steel, 304 stainless steel strips have many sources, and almost all major steel mills produce them. It is necessary to make a fine distinction and select the appropriate product quality according to the product needs. In terms of price, 304 stainless steel strip fluctuates greatly due to the influence of raw material nickel. In practical applications, there is also a common demand for 304L stainless steel strips. The main difference between 304 and 304L is the difference in carbon content. 304 is a general model, and those with L are all low-carbon models with better welding performance. Now some low-carbon models on the market 304L only reduce the carbon content, so it is about 500-1000 yuan / ton more expensive than the general 304, and sometimes according to customer needs, there will also be 304L containing about 9% nickel, which is higher than the general 304 A nickel is about 1000-2000 yuan / ton more expensive. 304L stainless steel 18Cr-8Ni-low carbon is a low-C 304 steel. Under normal conditions, its corrosion resistance is similar to that of 304 steel, but after welding or stress relief, its resistance to grain boundary corrosion is excellent; In the case of heat treatment, it can also maintain good corrosion resistance, and the operating temperature is $-196^{\circ}\text{C} \sim 800^{\circ}\text{C}$.

304 stainless steel is a nationally recognized food-grade stainless steel, which is usually used for common meals and kitchen utensils. In addition, 304 stainless steel belts can also be used in outdoor equipment in chemical, coal, and petroleum industries that require high resistance to grain boundary corrosion, heat-resistant parts of building materials and parts with difficult heat treatment.

Product Details

