



301 Stainless Steel Strip

Ningbo Qihong Stainless Steel Co., Ltd. specializes in the production and operation of precision stainless steel materials, and has good cooperative relations with many famous steel mills. In particular, with extensive experiences of selecting the most matching stainless steel material according to the characteristics of the customer's production materials, and providing a comprehensive solution.

The grade of 301 stainless steel strip is 12Cr17Ni7. It can be said that 301 stainless steel is an improved form of 304 stainless steel. The content of chromium and nickel is lower to increase the range of work hardening. Compared with 304 steel, the content of Cr and Ni is less. The tensile strength and hardness are increased, and it has high strength and good ductility, so it is often used in various occasions requiring higher strength. The 301 stainless steel material is non-magnetic in the soft state, but magnetic after cold working, and the magnetism increases with the increase of hardness. 301 steel grades are often produced as hard stainless steel coils, such as 301 semi-hard stainless steel strips, full-hard stainless steel plates, super-hard stainless steel coils, etc., which have good corrosion resistance, heat resistance, low temperature strength and mechanical properties. Processing makes it harden quickly, has good weldability, and has better wear resistance and fatigue strength than 304 stainless steel coils. The chemical composition of 301 stainless steel strip is: $C \leq 0.15$, $Si \leq 1.0$, $Mn \leq 2.0$, $Cr 16.0 \sim 18.0$, $Ni 6.0-8.0$, $S \leq 0.03$, $P \leq 0.045$.

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

300 series stainless steel fluctuates greatly with raw materials and market trends, and there may be obvious price differences depending on the purchase time point; and the impact of freight on the price of stainless steel is also very direct. The price fluctuations and differences still exist. It is suggested that the simplest reference method is to choose the most basic steel grade 304 as a reference to compare the price range of 301 stainless steel. Without special requirements, 301 is often slightly lower than 304. One or two hundred per ton , However, due to the production characteristics of this steel, the final product price may be higher than the price of 304 stainless steel.

301 precision stainless steel belt is mostly used in trains, aircraft, conveyor belts, springs, screens, cabinets, boilers, building materials, bathtubs, water heaters, auto parts, medical appliances, indoor pipelines, food industry, ship parts, gaskets, computer parts, various parts stamping parts and other related fields.

Product Details



宁波奇鸿不锈钢有限公司
Ningbo Qihong Stainless Steel Co., Ltd

www.qhstainlesssteel.com



Tel: [+86-574-56220289](tel:+86-574-56220289)

E-mail: Tangerine615@163.com