

304I Stainless Steel Coil



Ningbo Qihong Stainless Steel Co., Ltd. is specialized in precision stainless steel coil, The main products include stainless steel coil, 316L stainless steel coil, 310S stainless steel coil, 304I Stainless Steel Coil, 439 stainless steel coil, etc.,we have a excellent professional team that can provide customized services for products, we look forward to becoming your long-term partner in China.

stainless steel coil, as a low carbon 304 steel, 304I Stainless Steel Coil, in general, the corrosion resistance is similar to 304, but after welding or after stress relief, its resistance to grain boundary corrosion is excellent.

The important elements in stainless steel coils are Ni and Cr, but they are not limited to these two elements. Specific requirements are specified by product standards. The common judgment situation in the industry is that as long as the Ni content is greater than 8%, the Cr content is greater than 18%, and the C content is less than or equal to 0.03%, it can be considered as stainless steel. This is why the industry calls this type of stainless steel 18/8 stainless steel. In fact, the relevant product standards have very clear regulations for , and these product standards have some differences for different shapes of stainless steel. Below are some common product standards and tests.

chemical composition

C	Si	Mn	P	S	Cr	Ni
≤0.08	≤1.00	≤2.00	≤0.05	≤0.03	18.00-20.00	8.00~10.50

physical properties

Tensile strength σ_b (MPa) ≥ 520 Conditional yield strength $\sigma_{0.2}$ (MPa) ≥ 205 Elongation δ_5 (%) ≥ 40 Area shrinkage ψ (%) ≥ 60 Hardness: $\leq 187\text{HB}$; $\leq 90\text{HRB}$; $\leq 200\text{HV}$

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

stainless steel coil has good corrosion resistance, heat resistance, low temperature strength and mechanical properties. Corrosion resistance in the atmosphere, if it is an industrial atmosphere or heavily polluted area, it needs to be cleaned in time to avoid corrosion. stainless steel coil has good processability and weldability, suitable for food processing, storage and transportation. It is often used in plate heat exchangers, corrugated pipes, household products, building materials, chemicals, food industries and other industries. stainless steel coil is nationally recognized food grade stainless steel.

Product Details



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