

GJ-SSC-304

Stainless Steel Coil

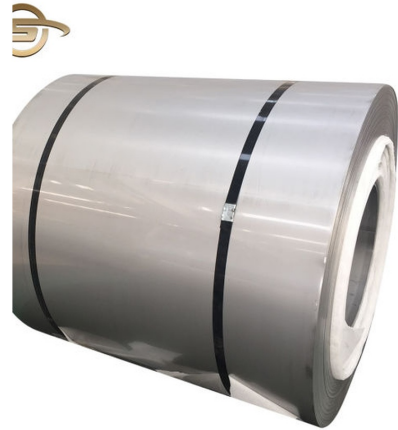
Grade: 304 (1.4301 / SUS304)

GB/T 4237-2015 | ASTM A240/A240M | EN 10088-2 | JIS G4304

STAINLESS STEEL COIL (COLD ROLLED)

PRODUCT DESCRIPTION

Stainless steel coil grade 304 is the most widely used austenitic stainless steel, containing 18% chromium and 8% nickel. It offers excellent corrosion resistance in moderate corrosive environments, good formability and weldability, and is non-magnetic in the annealed condition. The 2B finish is the standard cold rolled surface, with BA, No.4 (brushed) and 8K (mirror) finishes available.



KEY FEATURES

- > Excellent corrosion resistance in atmospheric and aqueous environments
- > Good formability for deep drawing and stamping operations
- > Non-magnetic in annealed condition (austenitic structure)
- > Surface finishes: 2B / BA / No.4 / 8K / HL available
- > Suitable for welding with matching 308L filler metal

TYPICAL APPLICATIONS

- > Food processing equipment and kitchenware
- > Chemical and pharmaceutical processing equipment
- > Architectural trim, handrails and decorative panels
- > Heat exchangers and condenser tubes
- > Automotive trim and exhaust system components

CHEMICAL COMPOSITION (wt %)

C	Si	Mn	P	S	Cr	Ni
<=0.08	<=1.00	<=2.00	<=0.045	<=0.030	18.0-20.0	8.0-10.5

MECHANICAL PROPERTIES

Finish	Yield >=MPa	Tensile >=MPa	Elong >=%	Hardness HRB
2B (Annealed)	205	520	40	<=90
BA (Bright Annealed)	205	520	40	<=90
No.4 (Brushed)	205	520	38	<=95
1/2 Hard	470	860	10	25-35 HRC

DIMENSIONS & SPECIFICATIONS

Parameter	Range
Thickness	0.3 - 3.0 mm
Width	600 - 1500 mm
Coil ID	508 / 610 mm
Coil Weight	2 - 10 tons
Surface	2B / BA / No.1 / No.4 / 8K / HL
Edge Condition	Mill edge / Slit edge / Deburred
Tolerance	GB/T 4237 Class PT.A

PACKAGING & SHIPPING

Standard export packing: steel strapping, waterproof paper, PVC film protection on finished surface, wooden/metal pallets. Container loading: 15-20 tons per 20ft GP.