



Our Product

Cold Rolled SS Strips

Stainless Steel Industrial Pipe & Tubes

Stainless Steel Utensils & Pet Ware

Cold Rolled SS strips

Thickness and Max. Width

0.25- 3.0 mm / 17mm-600mm

Finishes

Finish	Description
CR	Work hardened for specific hardness.
2B	Cold Rolled, Annealed, Pickled and Skin Passed on Polishes rolls.
2D	Cold Rolled, Annealed and Pickled

Characteristics and Applications

Stainless Steel Grades AISI	Main Characteristics	Typical Application / End products
202	High Cold Work hardening rate, good formability.	Water Tubings, watch parts, foot rule, Industrial Knives, bus body accessories, Kitchen appliances, Kerosene and Gas Stove parts.
303	Attains high strength by being cold worked, while retaining good ductility.	Used in cold worked condition for springs and wear plates.
304	Better welding characteristics with good formability and general corrosion resistance.	Watch parts, engine gaskets, flexible hoses, foot rule, door, hinges, capillary tubings and sinks.
304L	Low carbon content, weldable and resistance to sensitisation. Good corrosion and oxidation resistance.	Hypodermic needles and capillary tubings.
316	Low carbon content, weldable and resistance to sensitisation. Good corrosion and oxidation resistance.	Engine gaskets, flexible hoses, process plant and paper industry equipment.
316L	Low carbon content highly corrosion resistant, weldable and resistant to sensitisation.	Process plant parts particularly in thick sections.
321	Weldable and resistant to sensitisation. Good corrosion and oxidation resistance.	Heater elements, process plant, furnace parts and high temperature tubes.

Mechanical Properties

	Condition	UTS N/mm ²	0.2 % Proof Stress N/mm ²	% Elongation	Hardness RB
202	Annealed	525	225	40	95
301	Annealed	515	205	40	95
304	Annealed	515	205	40	95
304 L	Annealed	285	170	40	95
316	Annealed	515	205	40	95
316 L	Annealed	485	170	40	95
321	Annealed	515	205	40	95

Chemical Composition

Stainless Steel	C	Si	Mn.	Cr.	Ni	P	S	Other
Grade AISI	Max.	Max.	Max.			Max.	Max.	Elements
202	0.08	1.00	7.5 / 10.00	17.00 / 19.00	4.00 / 6.00	0.060	0.030	--
301	0.15	1.00	2.00	16.00 / 18.00	6.00 / 8.00	0.045	0.030	--
304	0.08	0.75	2.00	18.00 / 20.00	8.00 / 10.50	0.045	0.030	--
304 L	0.03	0.75	2.00	18.00 / 20.00	8.00 / 12.00	0.045	0.030	--
316	0.08	0.75	2.00	16.00 / 18.00	10.00 / 14.00	0.045	0.030	Mo:2.00 / 3.00
316 L	0.03	0.75	2.00	16.00 / 18.00	10.00 / 14.00	0.045	0.030	Mo:2.00 / 3.00
321	0.08	0.75	2.00	17.00 / 19.00	9.00 / 12.00	0.045	0.030	Ti : 5X % C min.

Plant and Machinery

Two 4 Hi C.R Mills
Five Pickling lines
Three Annealing lines
Slitting Machine
Shot Blasting Machine