

316 stainless steel tube:

316 stainless steel seamless pipe:

3 1 6/ 3 1 6 L	Φ 6*1	Φ 8*1	Φ 10*1	Φ 12*1	Φ 12*2	Φ 14*2	Φ 16*2	Φ 16*3	Φ 18*2	Φ 19*2	Φ 20*2 .5	Φ 20*3
	Φ 22*1 .5	Φ 22*2 .5	Φ 22*3	Φ 25*2	Φ 25*2 .5	Φ 25*3	Φ 27*2	Φ 27*3	Φ 32*2	Φ 32*2 .5	Φ 32*3	Φ 32*3 .5
	Φ 33*2	Φ 34*3	Φ 34*3 .5	Φ 38*2	Φ 38*3	Φ 38*4	Φ 40*5	Φ 42*2 .5	Φ 42*3	Φ 42*3 .5	Φ 45*2	Φ 45*2 .5
	Φ 45*3	Φ 45*3 .5	Φ 45*4	Φ 45*6	Φ 48*2 .5	Φ 48*3	Φ 48*3 .5	Φ 48*4	Φ 48*6	Φ 51*3	Φ 57*2	Φ 57*2 .5
	Φ 57*3	Φ 57*3 .5	Φ 57*4 .5	Φ 57*5	Φ 57*8	Φ 51*1 1	Φ 60*2 .5	Φ 60*3	Φ 60*4	Φ 60*5	Φ 60*8	Φ 63*3
	Φ 63*3 .5	Φ 76*3	Φ 76*3 .5	Φ 76*4	Φ 76*5	Φ 76*1 0	Φ 89*3	Φ 89*3 .5	Φ 89*4	Φ 89*4 .5	Φ 89*5	Φ 89*8
	Φ 89*1 2.5	Φ 100. 5*7. 5	Φ 108* 3	Φ 108* 3.5	Φ 108* 4	Φ 108* 4.5	Φ 108* 5	Φ 108* 6	Φ 108* 8	Φ 114* 3	Φ 114* 4	Φ 120* 5
	Φ 122* 4	Φ 133* 3	Φ 133* 4	Φ 133* 4.5	Φ 133* 5	Φ 159* 4	Φ 159* 4.5	Φ 159* 5	Φ 159* 6	Φ 168* 3.5	Φ 168* 4	Φ 219* 4
	Φ 219*5	Φ 219*6	Φ 219*7	Φ 219*8	Φ 273*6	Φ 273*8	Φ 325*6	Φ 325*8	Φ 325*8	Φ 325*1 0		

Chemical Composition of 316 stainless steel tube:

Chemical Composition						
C	Mn	Si	Cr	Ni	S	P
≤0.08	≤2.0	≤1.0	16.0~18.0	10.0~14.0	≤0.03	≤0.035

Properties of 316 stainless steel tube :

Hardness	Yield Strength σ0.2(M)	Elongati on δ5 (%)	Area reductio n	Heat treatment	Metallurgical structure
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			Pa)		ψ (%)		
HV	HRB	HB	≥ 205	≥ 40	≥ 60	solid solution 1010~ 1150°C	Austenite
≤ 200	≤ 90	≤ 187					

Type	Grade	Specification (mm)	Application
316 stainless steel tube	T14975-2002	6-630*1-50	Structure seamless steel tube
316 stainless steel welded tube		6-820* 0.3-10	Stainless steel pipe for fluid transport
316 stainless steel tube	T14976-2002	6-630* 1-50	Stainless steel pipe for fluid transport
316 stainless steel tube	GB13296-91	6-630* 1-50	Stainless steel tube for Boiler, heat exchanger

316 stainless steel, also known as 00Cr17Ni14Mo2 steel, performance of corrosion-resistant superior to 304 in the pulp and paper production process. The overall performance of the steel is superior to 310 and 304 stainless steel. Under high temperature conditions, when the sulfuric acid concentration of less than 15% and 85% higher, seawater corrosion resistance can be achieved; 316 stainless steel is also resistant to the erosion of marine and industrial atmosphere. Heat resistance at use of 1600 degrees of intermittent and 1700 degrees below the continuous, 316 stainless steel has good resistance to oxidation.

316 stainless steel is in line with national GB/T13296-91, GB/T14975-2002, GB/T14976-2002, GB/T12771-2000, A312 and other international standards. It is widely used in petroleum, metallurgy, food, electrical, building paper, water, chemicals, chemical fiber, medicine, aerospace construction, transportation, liquor and other industries.