

ASTM304L Welded Stainless Steel Seamless Pipe 1/8" Schedule 10s

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: MOQ 1Ton
- Packaging Details: In wooded cases or pallets, or as for clients requirement

Wenzhou, China

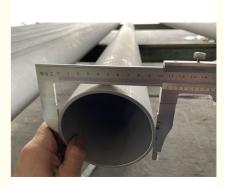
Zheheng

304L

- Delivery Time:
- Payment Terms:
- Supply Ability:
- 7-15 working days after receiving payment L/C, D/P, T/T, Western Union

ISO9001,ISO14001, TS16949

1000 Ton/Tons per Month



Product Specification

- Thickness:
- OD:
- Section Shape:
- Surface Finish:
- Price Terms:
- Length:
- Application Fields:
- Technique:
- Other Name:
- Highlight:
- 1mm-150mm(SCH10-XXS) Or As Required 1/8"-80 Round,Square,rectangular Polishing, Hair Line, Pickling FOB,CIF,CFR,EXW 1000-12000mm Instrument, decoration, etc. Cold Drawn Or Hot Rolled

1.4306

Welded Seamless Steel Pipe, ASTM304L Stainless Steel Pipe, Stainless Steel Seamless Pipe 1/8"



Product Description

Characteristic

304L belong to low carbon steel grade, Rather than its demonstrates excellent corrosion resistanceFor severely corrosive environments, the lower content of Type 304L is preferred because of its greater immunity to intergranular corrosion.304L stainless steel include in the Power Genration Industry ,Chemical Industry ,Oil&Gas Industry, Petrochemical Industry.

Application

Food processing equipment, particularly in beer brewing, milk processing, and wine making Kitchen benches, sinks, troughs, equipment, and appliances

Architectural trim and molding

Automotive and aerospace structural use

Construction material in large buildings

Chemical containers, including for transport

Heat exchangers

Nuts, bolts, screws, and other fasteners in the marine environment

Dyeing industry

Woven or welded screens for mining, quarrying & water filtration

Equivalent Grade

-								
Grade	UNS No	Old British		Euronorm		Swedish	Japanese	
Grade		BS	En	No	Name	SS	JIS	
304L	S30403	304S11	58E	1.4307	X5CrNi18	0330	SUS	
504L	000400	504511	DOL	1.4007	-10	2002	304L	

Specification

Ends	Plain end
Welding line type	ERW
Delivery time	within 15 -20 days.
	40% prepayment Balance before lodaing.
Shipping Terms	FOB NINGBO, after the inspection of goods at supplier's warehouse
Package	Standard export seaworthy package,or as required.

304L Stainless Pipe Chemical Composition

Grade	C≤	Si ≤	Mn≤	P≤	S≤	Ni≤	Cr≤
304L	0.035	0.75	2	0.045	0.03	8.00- 13.00	18.00- 20.00

Mechanical Composition

•								
	Tensile	Yield	%Age					
		Strength	Elongatio	Hardnee	se (Max)			
	Strength	Olichylli	n	Hardness (Max)				
Grade	Mpa,		in 50mm					
	(Min)	Mpa, (Min)	gauge					
			length	BHN	Rb			
			min					
304L	485	170	40	201	92			

Physical Properties

Grade	Density (ka/m3)	Elastic Modulus (GPa)	Mean Coefficient of Thermal			(W/m.K)		Hoat ()_	Electrical Resistivity
			0-1000C	0-3150C	0-5380C	at 1000C	at 5000C		(n.m)
304L	8000	193	17.2	17.8	18.4	16.2	21.5	500	720

Corrosion resistance

Resistance to corrosion in oxidizing environments is a result of the 18 to 20% chromium that the 304 contain. Resistance to moderately aggressive organic acids is a result of the 8 to 13% nickel that the 304 contain. At times, 304L may show a lower corrosion rate than the higher carbon 304; otherwise, the 304, 304L, and 304H may be considered to perform uniformly in most corrosive environments. Alloy 304L is preferred for use in environments sufficiently corrosive to cause intergranular corrosion of welds and heat-affected zones on susceptible alloys.

Heat resistance

Good oxidation resistance in intermittent service to 1600°F and in continuous service to 1690°F.

Continuous use of 304 in the 800-1580°F range is not recommended if subsequent aqueous corrosion resistance is important. Grade 304L is more resistant to carbide precipitation and can be heated into the above temperature range.

Product Testing

Coating Thk Test

for more products please visit us on stainless-steelseamlesspipe.com

Geometry inspection Ultrasonic Inspection Nondestructive Testing Hydrostatic Testing

Package Process

1.with plastic cap to protect both ends 2.weaving bag wrapped outside the pipe 3.then pack into wooden case.

Image



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