



ZHEHENG STEEL

Wenzhou Zheheng Steel Industry Co.,Ltd
stainless-steelseamlesspipe.com



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

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001, ISO14001, TS16949
- Model Number: 304L
- Minimum Order Quantity: MOQ 1Ton
- Packaging Details: In wooded cases or pallets, or as per clients requirement
- Delivery Time: 7-15 working days after receiving payment
- Payment Terms: L/C, D/P, T/T, Western Union
- Supply Ability: 1000 Ton/Tons per Month



Product Specification

- Thickness: 1mm-150mm(SCH10-XXS) Or As Required
- OD: 1/8"-80
- Section Shape: Round, Square, rectangular
- Surface Finish: Polishing, Hair Line, Pickling
- Price Terms: FOB, CIF, CFR, EXW
- Length: 1000-12000mm
- Application Fields: Instrument, decoration, etc.
- Technique: Cold Drawn Or Hot Rolled
- Other Name: 1.4306
- Highlight: **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 resistance For 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 Generation 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 SS	Japanese JIS
		BS	En	No	Name		
304L	S30403	304S11	58E	1.4307	X5CrNi18-10	2332	SUS 304L

Specification

Ends	Plain end
Welding line type	ERW
Delivery time	within 15 -20 days.
Payment Terms	40% prepayment Balance before loading.
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

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

Physical Properties

Grade	Density (kg/m ³)	Elastic Modulus (GPa)	Mean Coefficient of Thermal Expansion (m/m/°C)			Thermal Conductivity (W/m.K)		Specific Heat 0-1000C (J/kg.K)	Electrical Resistivity (n.m)
			0-1000C	0-3150C	0-5380C	at 1000C	at 5000C		
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

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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☎ 15858820108

✉ sales@zhehengsteel.com

🌐 stainless-steelseamlesspipe.com

No999 .wenzhou airport wenzhou city,zhejiang china