



ZHEHENG STEEL

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



TP304 / 304H Stainless Steel Heat Exchanger Tube , Stainless Steel Welded Pipe

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: zheheng
- Certification: ISO9001 PED
- Model Number: 25mm
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: In bundles with waterproof material, or wooden crate packing
- Delivery Time: 30 DAYS
- Payment Terms: L/C, T/T, D/A, D/P
- Supply Ability: 50TONS/30DAYS



Product Specification

- Material: TP304/304H
- Standard: ASTM A312
- Type: Seamless
- Technique: Cold Roll
- Inspection: 100%
- Thickness: +/-0.03mm
- Highlight: **bending stainless steel tubing,
metric stainless steel tubing**



Product Description

TP304/304H ASTM A312 stainless steel welded pipe heat exchange stainless steel coil tube

Material: 201,202,304,316,316L;

Standard: ASTM A 554;

Specifications:

20mm x 10mm, 20mmx40mm, 20mmx50mm

25mm x 13mm, 25mmx38mm, 25mmx50mm

30mm x 10mm, 30mmx15mm, 30mmx60mm

45mm x 75mm, 45mmx95mm,

50mm x 100mm, 150mmx100mm;

Thickness: 0.4mm To 3.0mm;

Length: 6m Or as customized;

Tolerance:

Thickness: +/-0.03mm

Dimension: +/-0.03mm

Length: +/-3-5mm

Surface Finish: Mill finish,BA polish(mirror polish),hair brush ,circular satine polish,etc..

Payment Term: T/T:30% deposit and 70% pay against the Copy of B/L or L/C at sight

Permitted Variations in Wall Thickness

In addition to the implicit limitation of wall thickness

for seamless pipe imposed by the limitation on weight in

Specification A999/A999M, the wall thickness for seamless

and welded pipe at any point shall be within the tolerances

specified in Table 3, except that for welded pipe the weld area

shall not be limited by the "Over" tolerance. The wall thickness

and outside diameter for inspection for compliance with this

requirement for pipe ordered by NPS and schedule number is

shown in Table X1.1.

Mechanical Tests, Grain Size Determinations, and

Weld Decay Tests Required

1 Mechanical Testing Lot Definition—The term lot for mechanical tests shall be as follows:

1.1 Where the final heat treated condition is obtained, consistent with the requirements of 6.2, in a continuous furnace, by quenching after hot forming or in a batch-type furnace equipped with recording pyrometers and automatically controlled within a 50 °F [30 °C] or lesser range, the term lot for mechanical tests shall apply to all pipes of the same specified outside diameter and specified wall thickness (or schedule) that are produced from the same heat of steel and subjected to the same finishing treatment within the same operating period.

1.2 Where the final heat treated condition is obtained, consistent with the requirements of 6.2, in a batch-type furnace not equipped with recording pyrometers and automatically controlled within a 50 °F [30 °C] or lesser range, the term lot shall apply to the larger of: (a) each 200 ft [60 m] or fraction thereof and (b) those pipes heat treated in the same furnace batch charge for pipes of the same specified outside diameter and specified wall thickness (or schedule) that are produced from the same heat of steel and are subjected to the same finishing temperature within the same operating period.

chemical composition:

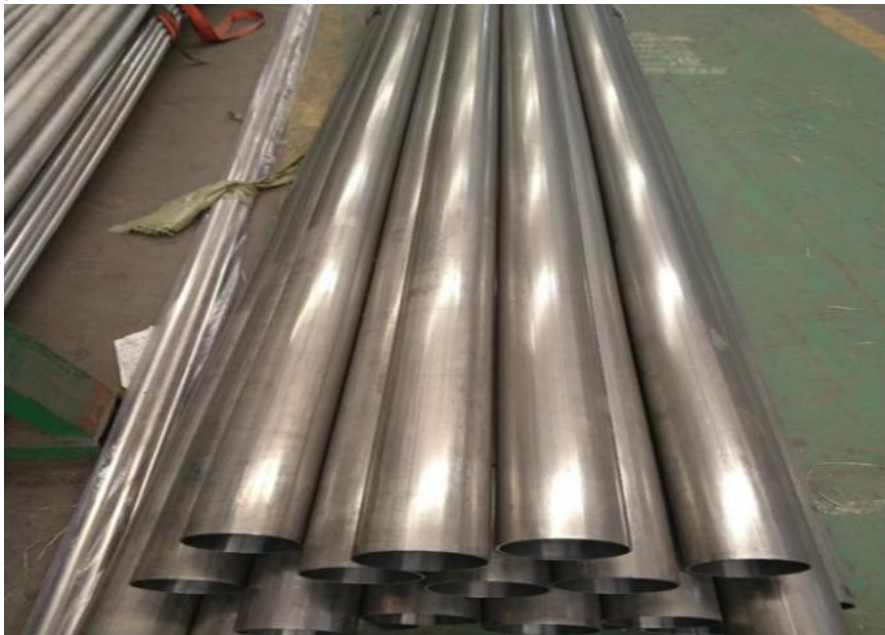
ASTM A213 / A213 M		
Elements	304L(wt%)	316L (wt%)
(C) Carbon, max	0.035	0.035
(Mn) Manganese, max	2	2
(P) Phosphorus, max	0.045	0.045
(S) Sulfur, max	0.03	0.03
(Si) Silicon, max	1	1
(Ni) Nickel	8.0 - 12.0	10.0 - 14.0
(Cr) Chromium	18.0 - 20.0	16.0 - 18.0
(Mo) Molybdenum	N/A	2.0 - 3.0
(Fe) Iron	Bal.	Bal.
(Cu) Copper	N/A	N/A
(N) Nitrogen	N/A	N/A

Material	201	202	304	316	430
Composition					
C	≤0.15	≤0.15	≤0.08	≤0.08	≤0.12

Chemical Composition of Material	Si	≤1.00	≤1.00	≤1.00	≤1.00	≤1.00
	Mn	5.5-7.5	7.5-10	≤2.00	≤2.00	≤1.00
	P	≤0.06	≤0.06	≤0.045	≤0.045	≤0.040
	S	≤0.03	≤0.03	≤0.030	≤0.030	≤0.030
	Cr	16-18	17-19	18-20	16-18	16-18
	N	3.5-5.5	4-6	8-10.5	10-14	
	Mo				2.0-3.0	
Mechanical Property	Material Item	201	202	304	316	
	Tensile Strength	≥535	≥520	≥520	≥520	
	Yield Strength	≥245	≥205	≥205	≥205	
	Extension	≥30%	≥30%	≥35%	≥35%	
	Hardness (HV)	<253	<253	<200	<200	

	410, 1.4501
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product show:



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☎ 15858820108

✉ sales@zhehengsteel.com

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No999 .wenzhou airport wenzhou city,zhejiang china