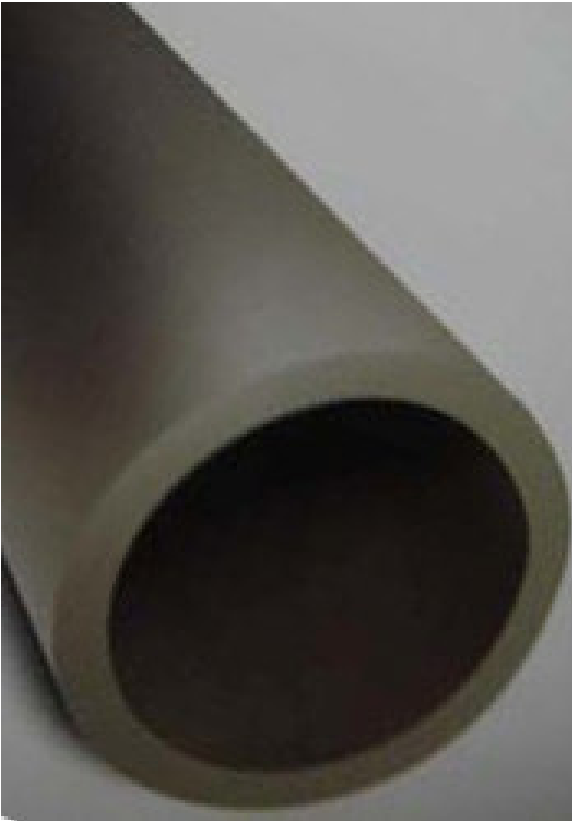


STEEL PIPES

Boiler Pipes



Carbon and alloy seamless steel pipes :

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 273$ mm , wall thickness of 1~15mm and length of 25 meters . We can make or supply the pipes fully meet the requirements of ASTM A106, ASTM, A192, ASTM A199, ASTM A210, ASTM A213 , ASTM A335, BS3059, DIN17175, GB5310, GB6479 and GB9948 , the materials are grade A, B and C of ASTM A106 , A192 grade , T5, T9, T11, T22, T91 of ASTM A199 ,A-1 and C of ASTM A210, T5, T9, T11, T22, T23, T91 of ASTM A213 ,P5, P9, P11, P22, P91 of ASTM A335 ,360, 410, 460, 490 of BS3059 , St35.8 , St45.8, 17Mn4, 19Mn5, 15Mo3, 13CrMo44, 10CrMo910 of DIN17175 , 20G, 20MnG, 25MnG, 15MoG, 20MoG, 12Cr1MoVG, 15CrMoG of GB5310, 10, 20, 16Mn, 12CrMo, 15CrMo, 1Cr5Mo of GB6479 and 10, 20, 12CrMo, 15CrMo, 1Cr5Mo of GB9948, or equivalent to that of other standards .

Such pipes are mainly used in high temperature and high pressure service ,such as boilers, in the petrochemical equipment and piping with working temperature of $-40\sim 400^{\circ}\text{C}$ and working pressure of 10-30 MPa .

2. Stainless seamless steel pipes :

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 324$ mm, wall thickness of 1~30mm and length of 25 meters . We can make or supply the pipes fully meet the requirements of ASTM A312 , ASTM A213 and GB13296 ,the materials are grade TP304, TP304L, TP321, TP316, TP316L, TP317, TP317L, TP347, TP310, TP309, TP321H, TP347H, TP304LN, TP316LN, TP316N, TP304N etc of ASTM A312 or ASTM A213 or equivalent to that of other standards.

Such pipes are widely used in petro-chemical, chemical fibra, smelt, boiler , pressure container , power etc industry.

Heat exchanger tubes

Specification :

1. Carbon seamless steel pipes for heat exchanger:

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 114.3$ mm ,wall thickness of 1~12mm and length of less than 25 meters . We can make or supply the pipes fully meet the requirements of ASTM A179 and GB3087 ,the materials are grade A179 of ASTM A179 and 10, 20 of GB3087 , or equivalent to that of other standards .

Such pipes are mainly used in heat exchangers



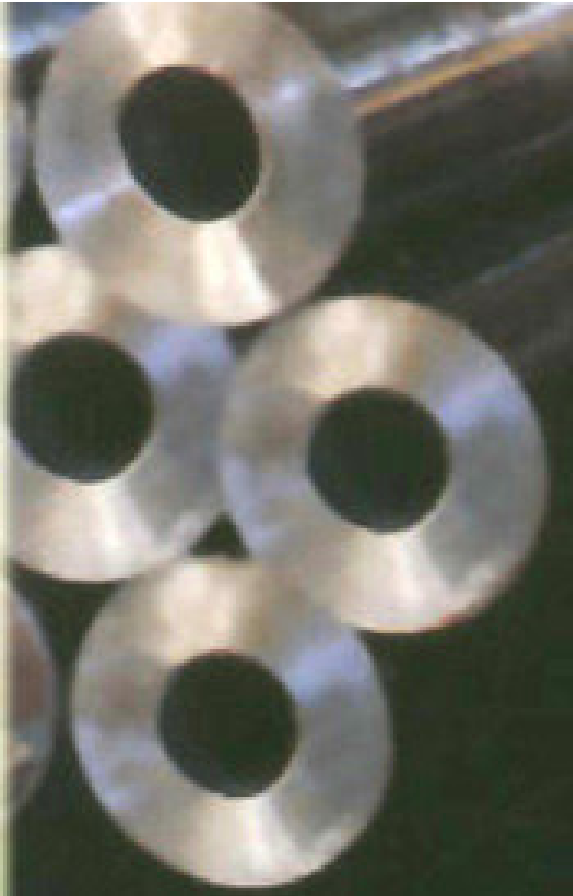
2. Stainless seamless steel pipes for heat exchanger:

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 114.3$ mm ,wall thickness of 1~12mm and length of less than 25 meters . We can make or supply the pipes fully meet the requirements of ASTM A213 and GB13296, the materials are grade TP304, TP304L, TP321, TP316, TP316 of ASTM A213 or equivalent to that of other standards.

Such pipes are widely used in heat exchangers industry.

Structural pipes

Specification :



1. Carbon seamless steel pipes :

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 610$ mm ,wall thickness of 1~50mm and length of less than 12 meters . We can make or supply the pipes fully meet the requirements of ASTM A53 and GB/T8162 ,the materials are grade A , B and C of ASTM A53 and 10, 20, 35, 45, Q345, 40Mn2, 27SiMn, 20Cr, 40Cr, 20CrMo, 35CrMo of GB/T8162 , or equivalent to that of other standards .

Such pipes are mainly used in generally structural and mechanically structural projects .

2. Stainless seamless steel pipes :

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 406$ mm ,wall thickness of 1~25mm and length of less than 12 meters . We can make or supply the pipes fully meet the requirements of ASTM A312 and GB/T14975 ,the materials are grade TP304, TP304L, TP321, TP316, TP316L of ASTM A312 and 0Cr18Ni9, 00Cr19Ni10, 0Cr18Ni10Ti, 0Cr17Ni12Mo2, 00Cr17Ni14Mo2 of GB/14975, or equivalent to that of other standards .

Such pipes are widely used in petro-chemical, textile , medical, foodstuff and machine industry .

Fluid transportation pipes



Specification :

1. Carbon seamless steel pipes for fluid transportation:

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 610$ mm ,wall thickness of 1~50mm and length of less than 12 meters . We can make or supply the pipes fully meet the requirements of ASTM A53 and GB/T8163 ,the materials are grade A , B and C of ASTM A53 and 10, 20, Q295, Q345 of GB/T8163 , or equivalent to that of other standards .

Such pipes are mainly used in transporting fluid ,such as water ,oil and gas.

2. Stainless seamless steel pipes for fluid transportation:

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 406$ mm ,wall thickness of 1~25mm and length of less than 12 meters . We can make or supply the pipes fully meet the requirements of ASTM A312 and GB/T14976 ,the materials are grade TP304, TP304L, TP321, TP316, TP316 of ASTM A312 and 0Cr18Ni9, 00Cr19Ni10, 0Cr18Ni10Ti, 0Cr17Ni12Mo2, 00Cr17Ni14Mo2 of GB/14976 , or equivalent to that of other standards .

Such pipes are mainly used in transporting fluid .

Line pipes



Specification:

1. Seamless steel pipes

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 610$ mm, wall thickness of 1~50mm, in length of less than 12 meters, We can make or supply the pipes fully meet the requirements of API 5L, the materials are grade A, B, X42, X46, X52, X56, X60, or equivalent to that of other standards .

Such pipes are mainly used in transporting fluid ,such as oil and gas.

2. Welded steel pipes

Products available is nominal diameter of $\Phi 89.3$ - $\Phi 1118$ mm, wall thickness of 3~25.4mm, in length of less than 12 meters, We can make or supply the pipes fully meet the requirements of API 5L, the materials are grade A, B, X42, X46, X52, X56, X60, or equivalent to that of other standards .Among them, $\Phi 89.3$ - $\Phi 508$ mm are ERW process and $\Phi 508$ - $\Phi 1118$ mm LSAWP process, such as UOE and JCOE.

Such pipes are mainly used in transporting fluid, such as oil and gas.

Casing and Tubing



Specification :

1. Casing

Products available is nominal diameter of $\Phi 4 \frac{1}{2}$ "- $\Phi 20$ " , wall thickness of 5.2~16.2mm ,in length of 8-12 meters .We can make or supply the pipes fully meet the requirements of API 5CT,the materials are grade H40, J55, K55, N80, M65, L80, P110 ,or equivalent to that of other standards .

Such tubes are mainly used in oil and natural gas extraction .

2. Tubing

Products available is nominal diameter of $\Phi 1.05$ "- $\Phi 4.5$ " , wall thickness of 2.87~16.2mm,in length of 8-12 meters .We can make or supply the pipes fully meet the requirements of API 5CT,the materials are grade H40, J55, K55, N80, L80 ,or equivalent to that of other standards .

Such tubes are mainly used in oil and natural gas extraction .

The formula to calculation of theoretical weight for one meter pipes :

$$M = 0.02466(D-t)t$$

M--theoretical weight per meter kg/m;

D--nominal diameter mm;

t--nominal thickness mm;

Precision tubes



Specification :

Carbon seamless steel pipes

Products available is nominal diameter of $\Phi 4\text{-}\Phi 260\text{mm}$,wall thickness of $0.5\sim 25\text{mm}$ and length of less than 9 meters . We can make or supply the pipes fully meet the requirements of ASTM A519, DIN2391, GB/T8713 and GB/T3639 ,the materials are grade 1010, 1020, 1035, 1045 of ASTM A519 , St30Si, St30Al, St35, St45, St52 of DIN2391 , 10, 20, 35, 45, 20CrMo of GB/T8713 and GB/T3639 ,or equivalent to that of other standards .

Such pipes are mainly used in machine or hydraulic pressure equipments with highly precise dimension and with having fine surface .

The formula to calculation of theoretical weight for one meter pipes :

$$m = 0.02466 (D - t) t$$

m = theoretical weight per meter kg/m;

D = nominal diameter mm;

t = nominal thickness mm;

Bearing pipes



Specification :

High Carbon Chromium Bearing seamless steel pipes :

Products available is nominal diameter of $\Phi 15$ - $\Phi 130$ mm ,wall thickness of 1~30mm and length of 4- 9 meters . We can make or supply the pipes fully meet the requirements of JIS G4805,the materials are grade SUJ1, SUJ2, SUJ3, SUJ4 and SUJ5 , or equivalent to that of other standards .

Such pipes are mainly used in bearings.

The formula to calculation of theoretical weight for one meter pipes :

$$m = 0.02466(D-t)t$$

m--theoretical weight per meter kg/m;

D--nominal diameter mm;

t--nominal thickness mm;

Galvanized or zinc coated pip



Specification :

Hot dipped zinc coated seamless steel pipes available is nominal diameter of $\Phi 10.3$ - $\Phi 610$ mm ,wall thickness of 1~50mm and length of 8- 12 meters . When ASTM A53 is accepted ,the coated zinc metal is any grade in B6 . The average weight of two samples' zinc coated layer is not less than 0.55 kg/sq.m and the weight of each not less than 0.49 kg/sq.m .

We also can supply OD $\Phi 21.3$ mm- $\Phi 168$ mm of Hot dipped zinc coated welded steel pipes in accordance with ASTM A53 and BS1387 ,in length of 8-12 m . The purity of mass zinc is not less than 98.5% when BS1387 is accepted . ASTM A153 and ASTM A120 are available .

We can make or supply the pipes fully meet the requirements of ASTM A53 and BS1387,the materials are grade A , B and C of ASTM A53 and the required grade in BS1387, or equivalent to that of other standards .

The pipes are mainly used in street lamp post ,drainage, gas transmission ,power transmission tower ,highway fence , pile pipes and wire pipes ,etc .

The formula to calculation of theoretical weight for one meter pipes :

$$m = 0.02466(D-t)t$$

m = theoretical weight per meter kg/m;

D = nominal diameter mm;

t = nominal thickness mm;

Mirror pipes



Specification:

1. Stainless welded steel pipes for decoration

Dimension range is $\Phi 9.5$ - $\Phi 168$ mm of round pipes , $\square 10 \times 10$ - $\square 100 \times 100$ mm of square pipes and 20×10 - 95×45 mm of rectangular pipes ,in length of 5-12 meters .We can make or supply the pipes fully meet the requirement of ASTM A554 .The materials (or steel grade) are 201, 202, 304, 304L, 316L of ASTM A554, 1Cr17Mn6Ni5N, 1Cr18Mn8Ni5N, 0Cr18Ni9, 00Cr19Ni10, 00Cr17Ni14Mo2 of GB12770,or equivalent to that of other standards . Mirror pipes are divided by grit 180 ,grit 240,grit 400 and grit 600 .

Such pipes are mainly used in household decoration ,furniture and upholster ,etc .

$$m = 0.02491(D-t)t$$

m = theoretical weight per meter kg/m;

D = nominal diameter mm;

t nominal thickness mm

2. Stainless sanitary pipes

Products available is nominal diameter of $\Phi 10.3$ - $\Phi 101.3$ mm ,wall thickness of 1~10mm and length of 6- 12 meters . We can make or supply the pipes fully meet the requirements of ASTM A270 ,the materials are TP304, TP304L, TP316, TP316L , or equivalent to that of other standards . Surface quality is in accordance with ASTM A270 or customer's requirements .

Such pipes are widely used in medical, foodstuff , wine-making industry .

The formula to calculation of theoretical weight for one meter pipes :

- $m = 0.02491(D-t)t$
- m = theoretical weight per meter kg/m;
- D = nominal diameter mm;
- t = nominal thickness mm;

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