

Sanitary Tubing for Food, Beverage & Dairy Process Lines

- Polished stainless steel sanitary tubing is manufactured in accordance with ASTM A270. Our tubing is made from cold-rolled stainless steel strip whose chemical elements are specially controlled to enhance weldability. The weld bead is cold-worked to a full finished condition, resulting in a virtually undetectable longitudinal weld. Bright annealing follows in a controlled atmosphere to preserve maximum structural integrity. Read more about ASTM Standards.

- Material Test Reports (MTRs) available upon request.

- Application Area

- Food industry
- Water system
- Petrochemical industries
- Construction industry
- Brewing & Beverage Industry
- Pharmaceutical industry
- Machinery Equipment manufacture
- Paper Industry



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► Additional Tube Specifications

SIZE (TUBE O.D.)	GAUGE	WALL THICKNESS (TOLERANCE)		WEIGHT PER METER (KG)	PRESSURE (PSI)	
					WORKING	BURST
1/2"	16	.065	±10%	0.45	3250	19,500
3/4"	16	.065	±10%	0.72	2167	13,000
1"	16	.065	±10%	0.98	2280	9100
1-1/2"	16	.065	±10%	1.5	1520	6100
2"	16	.065	±10%	2.02	1140	4600
2-1/2"	16	.065	±10%	2.54	910	3600
3"	16	.065	±10%	3.06	760	3000
4"	14	.083	±10%	5.2	730	2900
6"	12	.109	±10%	10.32	635	2540
8"	12	.109	±10%	13.83	475	1900
10"	12	.109	±10%	17.34	465	1870
12"	12	.109	±10%	20.84	455	1820

Sanitary A270 Polish ID/OD Tube

Polish ID/OD A270 Tube Stocking Alloys: T304 or T316L

Polish ID/OD A270 Tube Sizes: 1/2"- 12" OD Tube

Polish ID/OD A270 Tube Wall Thickness: 0.065-0.120

Note: OD Tube and Pipe Sizes do not interchange!

Polish ID/OD A270 Tube Sanitary Finish: 20 Ra ID/32 Ra OD

Tel: 55-2484-2092 , 55-2484-2094 , 55-2484-2128

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Add: Lake Guadalupe Ave., El Jaral Neighborhood, Atizapán de Zaragoza, Mexico State.

Prices are subject to change without notice: please call before you quote

Sanitary Stainless Steel Tubing

Materials

- 304L & 316L available from stock.

Annealing

- Hydrogen bright annealed in line to 1900°F(1040°C) minimum and rapidly quenched.

Surface Finishes*

- Surface finish is 20 Ra ID maximum, 30 Ra OD maximum surface roughness measured with the profilometer reading at 90 degrees to major polishing pattern. Our polishing techniques result in surface finishes that lead the industry. All tubing is printed with size, alloy, heat number for full traceability.

Packaging

- In order to ensure sanitary standards, our tubing is packaged using protective sleeving, capped with air tight plastic end caps. The tubing is then placed in thick cardboard cores and capped securely on each end for maximum protection during shipment. Large quantities will be shipped securely in wood or metal crates.

Chemical Composition

Elements	304L (wt%)	316L (wt%)
(C) Carbon, max	0.035	0.035
(Mn) Manganese, max	2.00	2.00
(P) Phosphorus, max	0.040	0.040
(S) Sulphur, max	0.030	0.030
(Si) Silicon, max	0.75	0.75
(Ni) Nickel	8.0-13.0	10.0-13.0
(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

Dimensional Tolerances

Size OD	Nominal Wall	Outside Diameter	Length	Wall
1/2"	0.065"	+/-0.005	+1/8"	+/-10.0%
3/4"	0.065"	+/-0.005	+1/8"	+/-10.0%
1"	0.065"	+/-0.005	+1/8"	+/-10.0%
1.5"	0.065"	+/-0.008	+1/8"	+/-10.0%
2"	0.065"	+/-0.008	+1/8"	+/-10.0%
2.5"	0.065"	+/-0.010	+1/8"	+/-10.0%
3"	0.065"	+/-0.010	+1/8"	+/-10.0%
4"	0.083"	+/-0.015	+1/8"	+/-10.0%
6"	0.109"	+/-0.030	+1"	+/-10.0%
8"	0.109"	+/-0.030	+1"	+/-10.0%
10"	0.120"	+0.061 -0.031	+1"	+/-10.0%
12"	0.120"	+0.061 -0.031	+1"	+/-10.0%