

Sanitary Stainless Steel Tubing



Manufacturing:

In strict accordance with A270 and 3A specifications.

Material:

304L & 316L available.

Size Rang:

1/2" to 6" O.D. tube size.

Surface Finish:

Surface finish is 20 μ -in Ra (0.5 μ m) ID maximum, 30 μ -in Ra (0.8 μ m) OD maximum surface roughness measured per ASME/ANSI B46.1 with the profilometer reading at 90 degrees to major polishing pattern.

Packing:

Tubing is packaged using protective poly sleeving along with air tight plastic end caps. The tubing is then placed in wooden boxes for maximum protection during shipment.

Quality Guarantee:

- Hydrogen bright annealed in line to 1900°F;
- Tubing is tested in strict accordance with the requirements of ASTM A269 and A270 by performing the full battery of ASTM bend and deformation tests required by ASME SA249;
- Tubing is 100% bore-scoped.

Chemical Composition

Elements	wt%	
	304L	316L
C, max	0.035	0.035
Mn, max	2.000	2.000
P, max	0.040	0.040
S, max	0.030	0.030
Si, max	0.750	0.750
Ni	8.0-13.0	10.0-15.0
Cr	18.0-20.0	16.0-18.0
Mo	N/A	2.0-3.0

Dimintions & Tolerances

Nominal Size, in.	Tube O.D.(tolerance)		Tube Wall Thickness(tolerance)	
	in.	mm	in.	mm
1/2	0.500(±0.005)	12.70(±0.13)	0.065(±0.0065)	1.65(±0.165)
3/4	0.750(±0.005)	19.05(±0.13)	0.065(±0.0065)	1.65(±0.165)
1	1.000(±0.005)	25.40(±0.13)	0.065(±0.0065)	1.65(±0.165)
1 1/2	1.500(±0.008)	38.10(±0.20)	0.065(±0.0065)	1.65(±0.165)
2	2.000(±0.008)	50.80(±0.20)	0.065(±0.0065)	1.65(±0.165)
2 1/2	2.500(±0.010)	63.50(±0.25)	0.065(±0.0065)	1.65(±0.165)
3	3.000(±0.010)	76.20(±0.25)	0.065(±0.0065)	1.65(±0.165)
4	4.000(±0.015)	101.60(±0.38)	0.083(±0.0083)	2.11(±0.211)
6	6.000(±0.030)	152.40(±0.75)	0.109(±0.0109)	2.77(±0.277)