

Stainless Steel Tubing

For information about metal tubing, see page 124.

Stainless Steel Welded Tubing

- Temperature Range:
 - Type 304: -423° to +1500° F
 - Type 316: -325° to +1500° F
- Bendable: Yes, with bending tool
- Flareable: No
- Soft (Annealed) Temper: Low tensile (stretching) strength
- Use stainless steel compression fittings and butt-weld fittings (see pages 152-155 and 191)



Also known as “as welded” tubing, this tubing has a weld bead on the ID—choose it as an economical alternative in applications that don’t require the smooth interior of seamless or welded and drawn tubing. This tubing has a Rockwell hardness of B90. Use with water, deionized water, air, natural gas, oil, and hydraulic oil. Meets ASTM A269. Tubing can be sterilized with chemicals.

Type 304 stainless steel has good corrosion resistance.

Type 316 stainless steel has excellent corrosion resistance.

To Order: For straight lengths, please specify 1-, 3-, or 6-ft. length where prices are shown.

Straight Lengths

OD	ID	Wall	OD Tolerance	Max. psi @ 72° F		Type 304			Type 316			
						1 ft.	Each 3 ft.	6 ft.	1 ft.	Each 3 ft.	6 ft.	
1/4"	0.12"	0.065"	±.005"	8,125	8989K221	—	13.89	21.04	89995K418	—	14.50	21.97
5/16"	0.273"	0.02"	±.006"	2,005	8989K451	—	7.95	12.23	89995K468	11.94	17.25	26.54
5/16"	0.257"	0.028"	+ .006"	2,851	8989K461	—	6.29	9.67	89995K488	—	10.20	15.69
5/16"	0.243"	0.035"	±.006"	3,508	8989K741	—	6.88	10.59	89995K508	—	10.99	16.91
5/16"	0.215"	0.049"	±.006"	4,912	8989K231	—	9.83	15.13	89995K518	12.49	18.04	27.76
5/16"	0.183"	0.065"	±.006"	6,515	8989K749	\$13.14	18.99	29.21	89995K528	12.87	18.58	28.59
3/8"	0.335"	0.02"	±.005"	1,678	8989K471	—	7.36	11.33	89995K538	16.83	24.32	37.41