

Tube Size Chart: A Complete Guide

Standard Tube Sizes (OD, ID, and Wall Thickness)

Tube OD (Inches)	Tube OD (mm)	Wall Thickness (in)	Wall Thickness (mm)	Approx. ID (in)	Approx. ID (mm)
1/4"	6.35	0.035	0.89	0.18	4.57
3/8"	9.53	0.035	0.89	0.31	7.87
1/2"	12.7	0.049	1.24	0.40	10.2
5/8"	15.88	0.049	1.24	0.53	13.5
3/4"	19.05	0.065	1.65	0.62	15.7
1"	25.4	0.065	1.65	0.87	22.1
1-1/4"	31.75	0.083	2.11	1.08	27.4
1-1/2"	38.1	0.083	2.11	1.33	33.8
2"	50.8	0.120	3.05	1.76	44.7

Tube Schedule Chart (Example for 1" OD Tube)

Schedule (SCH)	Wall Thickness (in)	Wall Thickness (mm)	Approx. ID (in)	Approx. ID (mm)
SCH 10	0.065	1.65	0.87	22.1
SCH 40	0.133	3.38	0.73	18.5
SCH 80	0.179	4.55	0.64	16.3
SCH 160	0.250	6.35	0.50	12.7

Tube Size Conversion (Metric ↔ Imperial)

Imperial Size	Metric Equivalent	Imperial Size	Metric Equivalent
1/8"	3.2 mm	1-1/4"	31.8 mm
1/4"	6.4 mm	1-1/2"	38.1 mm
3/8"	9.5 mm	2"	50.8 mm
1/2"	12.7 mm	3"	76.2 mm
3/4"	19.1 mm	4"	101.6 mm
1"	25.4 mm	6"	152.4 mm