

PIPE AND TUBING SCHEDULES

ANSI PIPE SCHEDULES figures indicate wall thickness in inches

PIPE SIZE	O.D. in inches	5	10	20	30	40 STD	60	80 XH	100	120	140	160	XXH
½	.405	.035	.049			.068		.095					
¾	.540	.049	.065			.088		.119					
¾	.675	.049	.065			.091		.126					
1	.840	.065	.083			.109		.147				.187	.294
1¼	1.050	.065	.083			.113		.154				.218	.308
1	1.315	.065	.109			.133		.179				.250	.358
1¼	1.660	.065	.109			.140		.191				.250	.382
1½	1.900	.065	.109			.145		.200				.281	.400
2	2.375	.065	.109			.154		.218				.343	.436
2½	2.875	.083	.120			.203		.276				.375	.552
3	3.500	.083	.120			.216		.300				.437	.600
3½	4.0	.083	.120			.226		.318					.636
4	4.50	.083	.120			.237	.281	.337		.437		.531	.674
4½	5.0					.247		.355					.710
5	5.563	.109	.134			.258		.375		.500		.625	.750
6	6.625	.109	.134			.280		.432		.562		.718	.864
7	7.625					.301		.500					.875
8	8.625	.109	.148	.250	.277	.322	.406	.500	.593	.718	.812	.906	.875
9	9.625					.342		.500					

MECHANICAL TUBING WALL GAUGES Birmingham Wire Gauge (BWG) Equivalent

GAUGE	DEC. IN INCHES	GAUGE	DEC. IN INCHES	GAUGE	DEC. IN INCHES	GAUGE	DEC. IN INCHES
28	.014	20	.035	12	.109	4	.238
27	.016	19	.042	11	.120	3	.259
26	.018	18	.049	10	.134	2	.284
25	.020	17	.058	9	.148	1	.300
24	.022	16	.065	8	.165	0	.340
23	.025	15	.072	7	.180	00	.380
22	.028	14	.083	6	.203	000	.425
21	.032	13	.095	5	.220	0000	.454

ELECTRICAL CONDUIT DIMENSIONS

EMT			IMC			RIGID		
NOMINAL TRADE SIZE	OUTSIDE DIAMETER	WALL THICKNESS	NOMINAL TRADE SIZE	OUTSIDE DIAMETER	WALL THICKNESS	NOMINAL TRADE SIZE	OUTSIDE DIAMETER	WALL THICKNESS
½	0.706	0.042	½	0.815	0.070	½	0.840	0.104
¾	0.922	0.049	¾	1.029	0.075	¾	1.050	0.107
1	1.163	0.057	1	1.029	0.085	1	1.315	0.126
1¼	1.510	0.065	1¼	1.638	0.085	1¼	1.660	0.133
1½	1.740	0.065	1½	1.883	0.090	1½	1.900	0.138
2	2.197	0.065	2	2.360	0.095	2	2.375	0.146
2½	2.875	0.072	2½	2.857	0.130	2½	2.875	0.193
3	3.500	0.072	3	3.476	0.130	3	3.500	0.250
3½	4.000	0.083	3½	3.971	0.130	3½	4.000	0.215
4	4.500	0.083	4	.466	0.130	4	4.500	0.225
5						5	5.563	0.245
6						6	6.625	0.266

All dimensions in inches.