

Size	EMT Electrical Metallic Tubing						IMC Intermediate Conduit						RIGID CONDUIT Steel or Aluminum					
	Outside Dia.		Inside Dia.		Wall Thickness		Outside Dia.		Inside Dia.		Wall Thickness		Outside Dia.		Inside Dia.		Wall Thickness	
	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM	Inches	MM
1/2"	.706	17.9	.622	15.8	.042	1.1	.815	20.7	.675	17.1	.070	1.8	.840	21.3	.632	16.1	1.04	2.6
3/4"	.992	23.4	.824	20.9	.049	1.3	1.029	26.1	.879	22.3	.075	1.9	1.050	26.7	.836	21.2	1.07	2.7
1"	1.163	29.5	1.049	26.6	.057	1.5	1.290	32.8	1.120	28.4	.085	2.2	1.315	33.4	1.060	27.0	1.26	3.2
1-1/4"	1.510	38.4	1.380	35.1	.065	1.7	1.638	41.6	1.468	37.3	.085	2.2	1.660	42.2	1.394	35.4	1.33	3.4
1-1/2"	1.740	44.2	1.610	40.9	.065	1.7	1.883	47.8	1.703	43.3	.090	2.3	1.900	48.3	1.624	41.2	1.38	3.5
2"	2.197	55.8	2.067	52.5	.065	1.7	2.360	59.9	2.170	55.1	.095	2.4	2.375	60.3	2.083	52.9	1.46	3.7
2-1/2"	2.875	73.0	2.731	69.4	.072	1.8	2.657	72.6	2.597	66.0	.130	3.3	2.875	73.0	2.489	63.2	1.93	4.9
3"	3.500	88.9	3.356	85.2	.072	1.9	3.476	88.3	3.216	81.7	.130	3.3	3.500	88.9	3.090	78.5	2.05	5.2
3-1/2"	4.000	101.6	3.834	97.4	.083	2.1	3.971	100.9	3.711	94.3	.130	3.3	4.000	101.6	3.570	90.7	2.15	5.5
4"	4.500	114.3	4.334	110.1	.083	2.1	4.466	113.4	4.206	106.8	.130	3.3	4.500	114.3	4.050	102.9	2.25	5.7
5"													5.563	141.3	5.073	128.9	2.45	6.2
6"													6.625	168.3	6.093	154.8	2.66	6.8

Sch. 40 PIPE DIMENSIONS			
Nominal Diameter In.	Outside Diameter In.	Inside Diameter In.	Wall Thickness In.
1/2"	.840	.622	.109
3/4"	1.050	.824	.113
1"	1.315	1.049	.133
1-1/4"	1.660	1.380	.140
1-1/2"	1.900	1.610	.145
2"	2.375	2.067	.154
2-1/2"	2.875	2.469	.203
3"	3.500	3.068	.216
3-1/2"	4.000	3.548	.226
4"	4.500	4.026	.237
5"	5.563	5.047	.258
6"	6.625	6.065	.280
8"	8.625	7.981	.322
10"	10.750	10.020	.365
12"	12.750	12.000	.375

IMPORTANT

Please note tube and pipe are two completely different types, and require different die sets.

It is extremely important to know the type of material, the outside dimensions and wall thickness before ordering a die set.

We have included this chart to help you understand the many different types that are on the market.

TUBING GAUGE THICKNESS CHART NOMINAL WALL THICKNESS									
Square	Round	.035	.049	.065	.072	.083	.095	.109	.120
		20 Ga.	18 Ga.	16 Ga.	15 Ga.	14 Ga.	13 Ga.	12 Ga.	11 Ga.

