

PIPE AND TUBE CONVERSIONS

in.	mm.
3/8"	9.525
1/2"	12.700
5/8"	15.875
3/4"	19.050
1"	25.400
1 1/8"	28.575
1 1/4"	31.750
1 1/2"	38.100
1 5/8"	41.275
1 3/4"	44.450
2"	50.800
2 1/4"	57.150
2 1/2"	63.500
3"	76.200
3 1/2"	88.900
4"	101.600

Tube Gauges (GA)	Wall Thickness
20 GA	0.035"
18 GA	0.047"
	0.049"
16 GA	0.060"
	0.062"
	0.065"
14 GA	0.078"
	0.083"
12 GA	0.109"
11 GA	0.120"
	0.125"
9 GA	0.140"
	0.145"
7 GA	0.180"
1/4"	0.250"

Nominal Pipe Size (in.)	Actual O.D. (in.)	Pipe Schedule = Wall Thickness		
		Sch 5S	Sch 10S	Sch 40S
1/4"	0.540	--	0.065"	0.088"
3/8"	0.675	--	0.065"	0.091"
1/2"	0.840	0.065"	0.083"	0.109"
3/4"	1.050	0.065"	0.083"	0.113"
1"	1.315	0.065"	0.109"	0.133"
1 1/4"	1.660	0.065"	0.109"	0.140"
1 1/2"	1.900	0.065"	0.109"	0.145"
2"	2.375	0.065"	0.109"	0.154"
2 1/2"	2.875	0.083"	0.120"	0.203"
3"	3.500	0.083"	0.120"	0.216"
3 1/2"	4.000	0.083"	0.120"	0.226"
4"	4.500	0.083"	0.120"	0.237"

Note: Unless stated otherwise all units of measurement are in pounds (lbs) and/or inches (in).