

WORKING PRESSURE INFORMATION – CONSERVATIVE GUIDE ONLY

Imperial size inches	Nominal size	Size metric mm	Wall thick mm	SWG	kg/mtr	Working Pressure mpa	Working Pressure psi
3	80	76.2	2	14	4.0	4.6	667
			3	11	6.2	6.9	1000
4	100	101.6	2	14	5.2	3.5	510
			3	11	7.8	5.2	754
5	125	127.0	2	14	6.4	2.8	406
			3	11	9.8	4.1	604
6	150	152.4	2	14	7.7	2.4	340
			3	11	11.7	3.5	507
8	200	203.2	2	14	10.2	1.8	255
			3	11	15.6	2.6	380
10	250	254.0	2	14	12.8	1.4	203
			3	11	19.5	2.1	304
12	300	304.8	2	14	15.4	1.2	170
			3	11	23.4	1.7	250
			4	8	31.2	2.4	340
14	350	355.6	2	14	18.0	1.0	145
			3	11	27.3	1.5	217
			4	8	36.4	2.0	290
16	400	406.4	2	14	20.8	0.9	128
			3	11	31.2	1.3	191
			4	8	41.6	1.8	255
18	450	457.2	2	14	23.1	0.8	114
			3	11	35.1	1.2	171
			4	8	46.8	1.6	227
20	500	508.0	2	14	25.0	0.7	103
			3	11	39.0	1.1	154
			4	8	52.0	1.4	205
24	600	609.6	3	11	46.5	0.9	130
			4	8	62.0	1.2	171
30	750	762.0	3	11	59.0	0.7	102
			4	8	78.7	0.9	136

NOTE:

The calculations for working pressure used above are very conservative and discounted. A more accurate working pressure should be calculated for a specific raw material by a qualified engineer.