

TUBE DIMENSIONS AND WEIGHTS



BWG (BIRMINGHAM WIRE GAUGE)

		Wall thickness							
BWG		22	20	18	16	14	12	11	10
mm		0.711	0.889	1.245	1.651	2.108	2.769	3.048	3.404
Outside Diameter		Weight in kg/m							
inches	mm								
1/4	6.350		0.122	0.159	0.194				
5/16	7.950		0.157	0.209	0.260				
3/8	9.525		0.192	0.258	0.326	0.392			
1/2	12.700	0.213	0.263	0.357	0.457	0.559	0.688	0.737	
5/8	15.875	0.270	0.334	0.456	0.588	0.727	0.908	0.979	
3/4	19.050		0.404	0.555	0.719	0.894	1.130	1.220	1.330
7/8	22.225	0.383	0.475	0.654	0.851	1.060	1.350	1.460	1.600
1	25.400	0.440	0.546	0.752	0.982	1.230	1.570	1.710	1.870
1-1/4	31.750	0.553	0.687	0.950	1.240	1.570	2.010	2.190	2.420
1-1/2	38.100	0.666	0.828	1.150	1.510	1.900	2.450	2.680	2.960
1-3/4	44.450	0.779	0.970	1.350	1.770	2.240	2.890	3.160	3.500
2	50.800	0.892	1.110	1.540	2.030	2.570	3.330	3.650	4.040
2-1/2	63.500			1.940	2.560	3.240	4.210	4.610	5.120

SWG (STANDARD WIRE GAUGE)

		Wall thickness							
SWG		22	20	18	16	14	12	11	10
mm		0.711	0.914	1.219	1.626	2.032	2.642	2.946	3.251
Outside Diameter		Weight in kg/m							
inches	mm								
1/4	6.350			0.157	0.192				
5/16	7.950		0.161	0.205	0.257				
3/8	9.525		0.197	0.253	0.321	0.381			
1/2	12.700	0.213	0.270	0.350	0.451	0.543	0.665	0.720	
5/8	15.875	0.270	0.342	0.447	0.580	0.704	0.875	0.954	
3/4	19.050		0.415	0.544	0.709	0.866	1.090	1.190	1.290
7/8	22.225	0.383	0.488	0.641	0.838	1.030	1.300	1.420	1.550
1	25.400	0.440	0.560	0.738	0.967	1.190	1.510	1.660	1.800
1-1/4	31.750	0.553	0.706	0.931	1.230	1.510	1.930	2.130	2.320
1-1/2	38.100	0.666	0.851	1.130	1.480	1.840	2.350	2.590	2.840
1-3/4	44.450	0.779	0.996	1.320	1.740	2.160	2.770	3.060	3.350
2	50.800	0.892	1.140	1.510	2.000	2.480	3.190	3.530	3.870
2-1/2	63.500			1.900	2.520	3.130	4.030	4.470	4.910