



TEL : 33 (4) 78 04 56 70

FAX : 33 (4) 72 02 81 64

**ENAMELLED WIRE DIAMETER CHART TO IEC 60317-0-1**

NOMINAL DIAMETER mm	NOMINAL COPPER CROSS SECTION		A.W. GAUGE	GRADE 1 = SINGLE				GRADE 2 = HEAVY			
	mm <sup>2</sup>	Circ. Mils		min. diameter		max. diameter		min. diameter		max. diameter	
				mm	inch	mm	inch	mm	inch	mm	inch
0,063	0,0031	6.1521	42	0,066	.00260	0,076	.00299	0,073	.00287	0,083	.00327
0,067	0,0035	6.9581		0,071	.00280	0,080	.00315	0,076	.00299	0,088	.00346
0,071	0,0040	7.8137	41	0,075	.00295	0,084	.00331	0,080	.00315	0,091	.00358
0,075	0,0044	8.7189		0,079	.00311	0,089	.00350	0,086	.00339	0,095	.00374
0,080	0,0050	9.9202	40	0,084	.00331	0,094	.00370	0,091	.00358	0,101	.00398
0,085	0,0057	11.1989		0,090	.00354	0,100	.00394	0,097	.00382	0,107	.00421
0,090	0,0064	12.5552	39	0,095	.00374	0,105	.00413	0,102	.00402	0,113	.00445
0,095	0,0071	13.9890		0,100	.00394	0,111	.00437	0,108	.00425	0,119	.00469
0,100	0,0079	15.5003	38	0,105	.00413	0,117	.00461	0,113	.00445	0,125	.00492
0,106	0,0088	17.4161		0,112	.00441	0,123	.00484	0,120	.00472	0,132	.00520
0,112	0,0099	19.4435	37	0,118	.00465	0,130	.00512	0,126	.00496	0,139	.00547
0,118	0,0109	21.5826		0,125	.00492	0,136	.00535	0,134	.00528	0,145	.00571
0,125	0,0123	24.2192	36	0,132	.00520	0,144	.00567	0,141	.00555	0,154	.00606
0,132	0,0137	27.0077		0,140	.00551	0,152	.00598	0,150	.00591	0,162	.00638
0,140	0,0154	30.3805	35	0,148	.00583	0,160	.00630	0,158	.00622	0,171	.00673
0,150	0,0177	34.8756		0,159	.00626	0,171	.00673	0,170	.00669	0,182	.00717
0,160	0,0201	39.6807	34	0,169	.00665	0,182	.00717	0,180	.00709	0,194	.00764
0,170	0,0227	44.7958		0,180	.00709	0,194	.00764	0,192	.00756	0,205	.00807
0,180	0,0254	50.2208	33	0,190	.00748	0,204	.00803	0,202	.00795	0,217	.00854
0,190	0,0284	55.9559		0,201	.00791	0,216	.00850	0,214	.00843	0,228	.00898
0,200	0,0314	62.0010	32	0,211	.00831	0,226	.00890	0,224	.00882	0,239	.00941
0,212	0,0353	69.6644		0,224	.00882	0,240	.00945	0,238	.00937	0,254	.01000
0,224	0,0394	77.7741	31	0,236	.00929	0,252	.00992	0,250	.00984	0,266	.01047
0,236	0,0437	86.3302		0,249	.00980	0,267	.01051	0,264	.01039	0,283	.01114
0,250	0,0491	96.8766	30	0,263	.01035	0,281	.01106	0,278	.01094	0,297	.01169
0,265	0,0552	108.8506		0,279	.01098	0,297	.01169	0,294	.01157	0,314	.01236
0,280	0,0616	121.5220	29	0,294	.01157	0,312	.01228	0,309	.01217	0,329	.01295
0,300	0,0707	139.5023		0,315	.01240	0,334	.01315	0,331	.01303	0,352	.01386
0,315	0,0779	153.8013	28	0,330	.01299	0,349	.01374	0,346	.01362	0,367	.01445
0,335	0,0881	173.9517		0,351	.01382	0,372	.01465	0,369	.01453	0,391	.01539
0,355	0,0990	195.3420	27	0,371	.01461	0,392	.01543	0,389	.01531	0,411	.01618
0,375	0,1104	217.9724		0,391	.01539	0,414	.01630	0,410	.01614	0,434	.01709
0,400	0,1257	248.0042	26	0,416	.01638	0,439	.01728	0,435	.01713	0,459	.01807
0,425	0,1419	279.9734		0,442	.01740	0,466	.01835	0,462	.01819	0,488	.01921
0,450	0,1590	313.8803	25	0,467	.01839	0,491	.01933	0,487	.01917	0,513	.02020
0,475	0,1772	349.7246		0,494	.01945	0,519	.02043	0,515	.02028	0,541	.02130
0,500	0,1963	387.5065	24	0,519	.02043	0,544	.02142	0,540	.02126	0,566	.02228



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	mm <sup>2</sup>	Circ. Mils		min. diameter		max. diameter		min. diameter		max. diameter	
				mm	inch	mm	inch	mm	inch	mm	inch
0,530	0,2206	435.40		0,549	.02161	0,576	.02268	0,571	.02248	0,600	.02362
0,560	0,2463	486.09	23	0,579	.02280	0,606	.02386	0,601	.02366	0,630	.02480
0,600	0,2827	558.01		0,621	.02445	0,649	.02555	0,644	.02535	0,674	.02654
0,630	0,3117	615.21	22	0,651	.02563	0,679	.02673	0,674	.02654	0,704	.02772
0,670	0,3526	695.81		0,691	.02720	0,722	.02843	0,716	.02819	0,749	.02949
0,710	0,3959	781.37	21	0,731	.02878	0,762	.03000	0,756	.02976	0,789	.03106
0,750	0,4418	871.89		0,772	.03039	0,805	.03169	0,798	.03142	0,834	.03283
0,800	0,5027	992.02	20	0,822	.03236	0,855	.03366	0,848	.03339	0,884	.03480
0,850	0,5675	1 119.89		0,873	.03437	0,909	.03579	0,901	.03547	0,939	.03697
0,900	0,6362	1 255.52	19	0,923	.03634	0,959	.03776	0,951	.03744	0,989	.03894
0,950	0,7088	1 398.90		0,974	.03835	1,012	.03984	1,003	.03949	1,044	.04110
1,000	0,7854	1 550.03	18	1,024	.04031	1,062	.04181	1,053	.04146	1,094	.04307
1,060	0,8825	1 741.61		1,083	.04264	1,124	.04425	1,114	.04386	1,157	.04555
1,120	0,9852	1 944.35	17	1,143	.04500	1,184	.04661	1,174	.04622	1,217	.04791
1,180	1,0936	2 158.26		1,203	.04736	1,246	.04906	1,235	.04862	1,279	.05035
1,250	1,2272	2 421.92	16	1,272	.05008	1,316	.05181	1,304	.05134	1,349	.05311
1,320	1,3685	2 700.77		1,343	.05287	1,388	.05465	1,376	.05417	1,422	.05598
1,400	1,5394	3 038.05	15	1,422	.05598	1,468	.05780	1,455	.05728	1,502	.05913
1,500	1,7671	3 487.56		1,523	.05996	1,570	.06181	1,556	.06126	1,606	.06323
1,600	2,0106	3 968.07	14	1,622	.06386	1,670	.06575	1,655	.06516	1,706	.06717
1,700	2,2698	4 479.58		1,722	.06780	1,772	.06976	1,756	.06913	1,809	.07122
1,800	2,5447	5 022.08	13	1,821	.07169	1,872	.07370	1,855	.07303	1,909	.07516
1,900	2,8353	5 595.59		1,921	.07563	1,974	.07772	1,956	.07701	2,012	.07921
2,000	3,1416	6 200.10	12	2,020	.07953	2,074	.08165	2,055	.08091	2,112	.08315
2,120	3,5299	6 966.44		2,140	.08425	2,196	.08646	2,176	.08567	2,235	.08799
2,240	3,9408	7 777.41	11	2,259	.08894	2,316	.09118	2,295	.09035	2,355	.09272
2,360	4,3744	8 633.02		2,378	.09362	2,438	.09598	2,415	.09508	2,478	.09756
2,500	4,9087	9 687.66	10	2,517	.09909	2,578	.10150	2,554	.10055	2,618	.10307
2,650	5,5155	10 885.06		2,666	.10496	2,730	.10748	2,704	.10646	2,772	.10913
2,800	6,1575	12 152.20	9	2,815	.11083	2,880	.11339	2,853	.11232	2,922	.11504
3,000	7,0686	13 950.23		3,015	.11870	3,083	.12138	3,054	.12024	3,126	.12307
3,150	7,7931	15 380.13	8	3,163	.12453	3,233	.12728	3,202	.12606	3,276	.12898
3,350	8,8141	17 395.17		3,362	.13236	3,435	.13524	3,402	.13394	3,479	.13697
3,550	9,8980	19 534.20	7	3,560	.14016	3,635	.14311	3,600	.14173	3,679	.14484
3,750	11,0447	21 797.24		3,759	.14799	3,838	.15110	3,801	.14965	3,883	.15287
4,000	12,5664	24 800.42	6	4,007	.15776	4,088	.16094	4,049	.15941	4,133	.16272
4,250	14,1863	27 997.34		4,256	.16756	4,341	.17091	4,299	.16925	4,387	.17272