

# Heavy Film Coated - Round

AWG Size	Bare Wire Diameter Nominal	Film Addition Min	Film Addition Max.	Min OD	Nominal OD	Max OD	Weight @ 20°C - 68° F LBS/1000 FT Nominal	Weight @ 20°C - 68° F FT/LB Nominal	Resistance @ 20°C - 68° F OHMS/1000 FT Nominal	Resistance @ 20°C - 68° F OHMS/LB Nominal	Wires Per SQ Inch
8	.1285	.0033	.0044	.1305	.1319	.1332	50.42	19.83	.6281	.01246	57
9	.1144	.0032	.0043	.1165	.1177	.1189	39.97	25.02	.7925	.01983	72
10	.1019	.0031	.0042	.1050	.1056	.1061	31.72	31.53	.9987	.03148	90
11	.0907	.0030	.0041	.0928	.0938	.0948	25.18	39.71	1.261	.0501	112
12	.0808	.0029	.0039	.0829	.0837	.0847	20.03	49.93	1.588	.0793	141
13	.0720	.0028	.0038	.0741	.0749	.0757	15.90	62.89	2.001	.1258	176
14	.0641	.0032	.0037	.0667	.0675	.0682	12.57	79.55	2.524	.2008	221
15	.0571	.0030	.0036	.0595	.0602	.0609	10.01	99.90	3.181	.3178	276
16	.0508	.0029	.0035	.0532	.0539	.0545	7.95	125.79	4.018	.5054	344
17	.0453	.0028	.0034	.0476	.0482	.0488	6.32	158.23	5.054	.7997	429
18	.0403	.0026	.0033	.0425	.0431	.0437	5.02	199.2	6.386	1.2721	536
19	.0359	.0025	.0032	.0380	.0386	.0391	3.99	250.6	8.046	2.0165	668
20	.0320	.0023	.0030	.0340	.0346	.0351	3.16	316.5	10.13	3.2057	835
21	.0285	.0022	.0029	.0304	.0309	.0314	2.51	398.4	12.77	5.088	1041
22	.0253	.0021	.0028	.0271	.0276	.0281	1.99	502.5	16.20	8.141	1303
23	.0226	.0020	.0027	.0244	.0249	.0253	1.59	628.9	20.30	12.767	1613
24	.0201	.0019	.0026	.0218	.0223	.0227	1.260	793.7	25.67	20.373	1993
25	.0179	.0018	.0025	.0195	.0199	.0203	1.005	995.0	32.37	32.209	2475
26	.0159	.0017	.0024	.0174	.0178	.0182	.799	1252	41.02	51.34	3086
27	.0142	.0016	.0022	.0157	.0161	.0164	.634	1577	51.44	81.14	3858
28	.0126	.0016	.0021	.0141	.0144	.0147	.504	1984	65.31	129.58	4823
29	.0113	.0015	.0020	.0127	.0130	.0133	.401	2494	81.21	202.52	5917
30	.0100	.0014	.0019	.0113	.0116	.0119	.318	3145	103.7	326.10	7432
31	.0089	.0013	.0018	.0101	.0105	.0108	.254	3937	130.9	515.4	9070
32	.0080	.0012	.0017	.0091	.0095	.0098	.2019	4953	162.0	802.4	11080
33	.0071	.0011	.0016	.0081	.0085	.0088	.1611	6207	205.7	1276.8	13841
34	.0063	.0010	.0014	.0072	.0075	.0078	.1269	7880	261.3	2059.1	17778
35	.0056	.0009	.0013	.0064	.0067	.0070	.1010	9901	330.7	3274.3	22277
36	.0050	.0008	.0012	.0057	.0060	.0063	.0803	12453	414.8	5166	27778
37	.0045	.0008	.0011	.0052	.0055	.0057	.0641	15601	512.1	7989	33058
38	.0040	.0007	.0010	.0046	.0049	.0051	.0509	19646	648.2	12735	41649
39	.0035	.0006	.0009	.0040	.0043	.0045	.0403	24814	846.6	21007	54083
40	.0031	.0006	.0008	.0036	.0038	.0040	.0319	31348	1079	33824	69252
41	.0028	.0005	.0007	.0032	.0034	.0036	.0252	39683	1323	52500	86505
42	.0025	.0004	.0006	.0028	.0030	.0032	.0199	50251	1659	83367	111111
43	.0022	.0004	.0006	.0025	.0027	.0029	.0159	62893	2143	134780	137174
44	.0020	.0004	.0006	.0023	.0025	.0027	.0127	78740	2593	204173	160000

All measurements are in inches unless otherwise stated.

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