

DURALITE, INC.
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WIRE SPECIFICATIONS
 "A" Grade Nickel-Chromium Wire
 "C" Grade Nickel-Chromium Wire
 Kanthal APM® Kanthal D®
 Kanthal A-1®

		A GRADE NICKEL NIKROTHAL 80 650 CMF		C GRADE NICKEL NIKROTHAL 60 670 CMF		KANTHAL AF 837 CMF		KANTHAL APM KANTHAL A-1 875 CMF		KANTHAL D 815 CMF	
WIRE GA.	INCH DIA.	OHMS PER FT.	FEET PER LB.	OHMS PER FT.	FEET PER LB.	OHMS PER FT.	FEET PER LB.	OHMS PER FT.	FEET PER LB.	OHMS PER FT.	FEET PER LB.
0	0.325	.0062	3.351	.0063	3.397	.0079	3.897	.0083	3.927	.0077	3.837
1	0.289	.0078	4.226	.0080	4.283	.0100	4.914	.0105	4.952	.0097	4.839
2	0.258	.0099	5.329	.0101	5.401	.0126	6.196	.0132	6.245	.0123	6.102
3	0.229	.0124	6.719	.0127	6.810	.0159	7.813	.0166	7.874	.0155	7.694
4	0.204	.0157	8.473	.0160	8.588	.0201	9.852	.0210	9.929	.0195	9.702
5	0.182	.0198	10.68	.0202	10.83	.0253	12.42	.0264	12.52	.0246	12.23
6	0.162	.0250	13.47	.0254	13.65	.0319	15.67	.0333	15.79	.0310	15.43
7	0.144	.0315	16.99	.0321	17.22	.0402	19.75	.0420	19.91	.0391	19.45
8	0.128	.0397	21.42	.0405	21.71	.0507	24.91	.0530	25.10	.0494	24.53
9	0.114	.0500	27.01	.0510	27.38	.0639	31.41	.0668	31.66	.0622	30.93
10	0.102	.0631	34.06	.0643	34.52	.0806	39.61	.0843	39.92	.0785	39.00
11	0.0907	.0795	42.95	.0811	43.53	.1017	49.95	.1063	50.34	.0990	49.18
12	0.0808	.1003	54.16	.1023	54.90	.1282	62.98	.1340	63.47	.1248	62.02
13	0.0720	.1265	68.30	.1290	69.22	.1616	79.42	.1690	80.04	.1574	78.20
14	0.0641	.1595	86.12	.1627	87.29	.2038	100.1	.2131	100.9	.1985	98.61
15	0.0571	.2011	108.6	.2051	110.1	.2570	126.3	.2687	127.3	.2503	124.4
16	0.0508	.2536	136.9	.2586	138.8	.3241	159.2	.3388	160.5	.3156	156.8
17	0.0453	.3198	172.7	.3261	175.0	.4087	200.8	.4272	202.4	.3979	197.7
18	0.0403	.4033	217.7	.4113	220.7	.5153	253.2	.5387	255.2	.5018	249.3
19	0.0359	.5085	274.6	.5186	278.3	.6498	319.3	.6793	321.8	.6327	314.4
20	0.0320	.6412	346.2	.6539	350.9	.8194	402.6	.8566	405.7	.7978	396.4
21	0.0285	.8086	436.6	.8246	442.5	1.0332	507.7	1.0801	511.6	1.0061	499.9
22	0.0253	1.020	550.5	1.0398	558.0	1.3029	640.2	1.3620	645.2	1.2686	630.4
23	0.0226	1.286	694.2	1.3112	703.6	1.6429	807.2	1.7175	813.5	1.5997	794.9
24	0.0201	1.621	875.4	1.6534	887.2	2.0716	1017.88	2.1657	1025.84	2.0172	1002.34
25	0.0179	2.044	1103.8	2.0848	1118.8	2.6123	1283.5	2.7309	1293.6	2.5436	1263.9
26	0.0159	2.578	1391.9	2.6289	1410.7	3.2941	1618.5	3.4436	1631.1	3.2075	1593.8
27	0.0142	3.251	1755.2	3.3150	1778.9	4.1537	2040.9	4.3423	2056.8	4.0445	2009.7
28	0.0126	4.099	2213.2	4.1802	2243.1	5.2378	2573.5	5.4756	2593.6	5.1001	2534.2
29	0.0113	5.169	2790.8	5.2711	2828.6	6.6047	3245.2	6.9046	3270.5	6.4311	3195.6
30	0.0100	6.517	3519.2	6.6468	3566.8	8.3284	4092.1	8.7065	4124.1	8.1095	4029.6
31	0.008927	8.218	4437.6	8.3815	4497.6	10.5019	5160.0	10.9787	5200.3	10.2259	5081.3
32	0.00795	10.36	5595.8	10.57	5671.4	13.24	6506.7	13.84	6557.5	12.89	6407.4
33	0.00708	13.07	7056.1	13.33	7151.5	16.70	8204.8	17.46	8268.9	16.26	8079.5
34	0.006305	16.48	8897.6	16.81	9017.9	21.06	10346.1	22.01	10426.9	20.50	10188.1
35	0.005615	20.78	11220	21.19	11371	26.55	13046	27.76	13148	25.85	12847