

## Resistance Heating Wire-Coiled or Spiral Elements

Wire Diameter			Length of close wound coil (mm) per 1 metre length of wire							
			Inside Coil Diameter :							
SWG	in	mm	3mm	4mm	5mm	6mm	7mm	8mm	9mm	10mm
10	.128	3.25	166	143	125	112	101	92	<u>84</u>	78
11	.116	2.95	158	135	118	105	94	<u>86</u>	79	72
12	.104	2.64	149	127	110	97	<u>87</u>	79	72	67
13	.092	2.34	139	117	101	<u>89</u>	80	72	66	60
14	.080	2.03	129	107	92	81	72	64	59	54
15	.072	1.83	121	100	<u>85</u>	74	66	59	54	49
16	.064	1.63	112	92	78	68	60	54	49	45
17	.056	1.42	102	<u>83</u>	70	61	54	48	43	40
18	.048	1.22	92	74	62	54	47	42	38	35
19	.040	1.02	<u>81</u>	64	54	46	40	36	32	29
20	.036	.91	74	59	49	42	37	33	29	27
21	.032	.81	68	54	45	38	33	29	26	24
22	.028	.71	61	48	40	34	29	26	23	21
23	.024	.61	54	42	35	29	25	23	20	18
24	.022	.56	50	39	32	27	24	21	19	17
25	.020	.51	46	36	29	25	22	19	17	15
26	.018	.46	42	33	27	23	20	17	15	14
27	.0164	.42	39	30	24	21	18	16	14	13
28	.0148	.38	35	27	22	19	16	14	13	12
29	.0136	.35	33	25	21	17	15	13	12	11
30	.0124	.31	30	23	19	16	14	12	11	10
31	.0116	.29	28	22	18	15	13	11	10	9
32	.0108	.27	27	20	17	14	12	11	9	8
33	.0100	.25	25	19	15	13	11	10	9	8