

Table 1 Temperature/resistance relationship, R0 = 1000.00 Ω

t90/° C	Resistance at the temperature t90/° C Ω										t90/° C
	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	
-200	185.20										-200
-190	228.25	223.97	219.67	215.38	211.08	206.77	202.47	198.15	193.84	189.52	-190
-180	270.96	266.71	262.45	258.19	253.92	249.65	245.38	241.10	236.82	232.54	-180
-170	313.35	309.13	304.90	300.67	296.43	292.20	287.96	283.71	279.47	275.52	-170
-160	355.43	351.24	347.04	342.84	338.64	334.43	330.22	326.01	321.79	317.57	-160
-150	397.23	393.06	388.89	384.72	380.55	376.37	372.19	368.00	363.82	359.63	-150
-140	438.76	434.62	430.48	426.33	422.18	418.03	413.88	409.72	405.56	401.40	-140
-130	480.05	475.93	471.81	467.69	463.56	459.44	455.31	451.17	447.04	442.90	-130
-120	521.10	517.00	512.91	508.81	504.70	500.60	496.49	492.39	488.28	484.16	-120
-110	561.93	557.86	553.78	549.70	545.62	541.54	537.46	533.37	529.28	525.19	-110
-100	602.56	598.50	594.45	590.39	586.33	582.27	578.21	574.14	570.07	566.00	-100
-90	643.00	638.96	634.92	630.88	626.84	622.80	618.76	614.71	610.66	606.61	-90
-80	683.25	679.24	675.52	671.20	667.17	663.15	659.12	655.09	651.06	647.03	-80
-70	723.35	719.34	715.34	711.34	707.33	703.32	699.31	695.30	691.29	687.27	-70
-60	763.28	759.29	755.30	751.31	747.32	743.33	739.34	735.34	731.34	727.35	-60
-50	803.06	799.09	795.12	791.14	787.17	783.19	779.21	775.23	771.25	767.26	-50
-40	842.71	838.75	834.79	830.83	826.87	822.90	818.94	814.97	811.00	807.03	-40
-30	882.22	878.27	874.32	870.38	866.43	862.48	858.53	854.57	850.62	846.66	-30
-20	921.60	917.67	913.73	909.80	905.86	901.92	897.98	894.04	890.10	886.16	-20
-10	960.86	956.94	953.02	949.09	945.17	941.24	937.32	933.39	929.46	925.53	-10
0	1000.00	996.09	992.18	988.27	984.36	980.44	976.53	972.61	968.70	964.78	0
t90/° C	0	1	2	3	4	5	6	7	8	9	t90/° C
0	1000.00	1003.91	1007.81	1011.72	1015.62	1019.53	1023.43	1027.33	1031.23	1035.13	0
10	1039.03	1042.92	1046.82	1050.71	1054.60	1058.49	1062.38	1066.27	1070.16	1074.05	10
20	1077.94	1081.82	1085.70	1089.59	1093.47	1097.35	1101.23	1105.10	1108.98	1112.86	20
30	1116.73	1120.60	1124.47	1128.35	1132.21	1136.08	1139.95	1143.82	1147.68	1151.55	30
40	1155.41	1159.27	1163.13	1166.99	1170.85	1174.70	1178.56	1182.41	1186.27	1190.12	40
50	1193.97	1197.82	1201.67	1205.52	1209.36	1213.21	1217.05	1220.90	1224.74	1228.58	50
60	1232.42	1236.26	1240.09	1243.93	1247.77	1251.60	1255.43	1259.26	1263.09	1266.92	60
70	1270.75	1274.58	1278.40	1282.23	1286.05	1289.87	1293.70	1297.52	1301.33	1305.15	70
80	1308.97	1312.78	1316.60	1320.41	1324.22	1328.03	1331.84	1335.65	1339.46	1343.26	80
90	1347.07	1350.87	1354.68	1358.48	1362.28	1366.08	1369.87	1373.67	1377.47	1381.26	90
100	1385.06	1388.85	1392.64	1396.43	1400.22	1404.00	1407.79	1411.58	1415.36	1419.14	100
110	1422.93	1426.71	1430.49	1434.26	1438.04	1441.82	1445.59	1449.37	1453.14	1456.91	110
120	1460.68	1464.45	1468.22	1471.98	1475.75	1479.51	1483.28	1487.04	1490.80	1494.56	120
130	1498.32	1502.08	1505.83	1509.59	1513.34	1517.10	1520.85	1524.60	1528.65	1532.10	130
140	1535.84	1539.59	1543.33	1547.08	1550.82	1554.56	1558.30	1562.04	1565.78	1569.52	140
150	1573.25	1576.99	1580.72	1584.45	1588.18	1591.91	1595.64	1599.37	1603.09	1606.82	150
160	1610.54	1614.27	1617.99	1621.71	1625.43	1629.15	1632.86	1636.58	1640.30	1644.01	160

t90/° C	0	1	2	3	4	5	6	7	8	9	t90/° C
170	1647.72	1651.43	1655.14	1658.85	1662.56	1666.27	1669.97	1673.68	1677.38	1681.08	170
180	1684.78	1688.48	1692.18	1695.88	1699.58	1703.27	1706.96	1710.66	1714.35	1718.04	180
190	1721.73	1725.42	1729.10	1732.79	1736.48	1740.16	1743.84	1747.52	1751.20	1754.88	190
200	1758.56	1762.24	1765.91	1769.59	1773.26	1776.93	1780.60	1784.27	1787.94	1791.61	200
210	1795.28	1798.94	1802.60	1806.27	1809.93	1813.59	1817.25	1820.91	1824.56	1828.22	210
220	1831.88	1835.53	1839.18	1842.83	1846.48	1850.13	1853.78	1857.43	1861.07	1864.72	220
230	1868.36	1872.00	1875.64	1879.28	1882.92	1886.56	1890.19	1893.83	1897.46	1901.10	230
240	1904.73	1908.36	1911.99	1915.62	1919.24	1922.87	1926.49	1930.12	1933.74	1937.36	240
250	1940.98	1944.60	1948.22	1951.83	1955.45	1959.06	1962.68	1966.29	1969.90	1973.51	250
260	1977.12	1980.73	1984.33	1987.94	1991.54	1995.14	1998.75	2002.35	2005.95	2009.54	260
270	2013.14	2016.74	2020.33	2023.93	2027.52	2031.11	2034.70	2038.29	2041.88	2045.46	270
280	2049.05	2052.63	2056.22	2059.80	2063.38	2066.96	2070.54	2074.11	2077.69	2081.27	280
290	2084.84	2088.41	2091.98	2095.55	2099.12	2102.69	2106.26	2109.82	2113.39	2116.95	290
300	2120.52	2124.08	2127.64	2131.20	2134.75	2138.31	2141.87	2145.42	2148.97	2152.52	300
310	2156.08	2159.62	2163.17	2166.72	2170.27	2173.81	2177.36	2180.90	2184.44	2187.98	310
320	2191.52	2195.06	2198.60	2202.13	2205.67	2209.20	2212.73	2216.26	2219.79	2223.32	320
330	2226.85	2230.38	2233.90	2237.43	2240.95	2244.47	2247.99	2251.51	2255.03	2258.55	330
340	2262.06	2265.58	2269.09	2272.60	2276.12	2279.63	2283.14	2286.64	2290.15	2293.66	340
350	2297.16	2300.66	2304.17	2307.67	2311.17	2314.67	2318.16	2321.66	2325.16	2328.65	350
360	2332.14	2335.64	2339.13	2342.62	2346.10	2349.59	2353.08	2356.56	2360.05	2363.53	360
370	2367.01	2370.49	2373.97	2377.45	2380.93	2384.40	2387.88	2391.35	2394.82	2398.29	370
380	2401.76	2405.23	2408.70	2412.17	2415.63	2419.10	2422.56	2426.02	2429.48	2432.94	380
390	2436.40	2439.86	2443.31	2446.77	2450.22	2453.67	2457.13	2460.58	2464.03	2467.47	390
400	2470.92	2474.37	2477.81	2481.25	2484.70	2488.14	2491.58	2495.02	2498.45	2501.89	400
410	2505.33	2508.76	2512.19	2515.62	2519.06	2522.48	2525.91	2529.34	2532.77	2536.19	410
420	2539.62	2543.04	2546.46	2549.88	2553.30	2556.72	2560.13	2563.55	2566.96	2570.38	420
430	2573.79	2577.20	2580.61	2584.02	2587.43	2590.83	2594.24	2597.64	2601.05	2604.45	430
440	2607.85	2611.25	2614.65	2618.04	2621.44	2624.83	2628.23	2631.62	2635.01	2638.40	440
450	2641.79	2645.18	2648.57	2651.95	2655.34	2658.72	2662.10	2665.48	2668.86	2672.24	450
460	2675.62	2679.00	2682.37	2685.74	2689.12	2692.49	2695.86	2699.23	2702.60	2705.97	460
470	2709.33	2712.70	2716.06	2719.42	2722.78	2726.14	2729.50	2732.86	2736.22	2739.57	470
480	2742.93	2746.28	2749.63	2752.98	2756.33	2759.68	2763.03	2766.38	2769.72	2773.07	480
490	2776.41	2779.75	2783.09	2786.43	2789.77	2793.11	2796.44	2799.78	2803.11	2806.44	490
500	2809.78	2813.11	2816.43	2819.76	2823.09	2826.41	2829.74	2833.06	2836.38	2839.71	500
510	2843.03	2846.34	2849.66	2852.98	2856.29	2859.61	2862.92	2866.23	2869.54	2872.85	510
520	2876.16	2879.47	2882.77	2886.08	2889.38	2892.68	2895.99	2899.29	2902.58	2905.88	520
530	2909.18	2912.47	2915.77	2919.06	2922.35	2925.65	2928.94	2932.22	2935.51	2938.80	530
540	2942.08	2945.37	2948.65	2951.93	2955.21	2958.49	2961.77	2965.05	2968.32	2971.60	540
550	2974.87	2978.14	2981.42	2984.69	2987.95	2991.22	2994.49	2997.75	3001.02	3004.28	550
560	3007.54	3010.80	3014.06	3017.32	3020.58	3023.84	3027.09	3030.35	3033.60	3036.85	560

t90/° C	0	1	2	3	4	5	6	7	8	9	t90/° C
570	3040.10	3043.35	3046.60	3049.85	3053.09	3056.34	3059.58	3062.82	3066.06	3069.30	570
580	3072.54	3075.78	3079.02	3082.25	3085.49	3088.72	3091.95	3095.18	3098.41	3101.64	580
590	3104.87	3108.10	3111.32	3114.54	3117.77	3120.99	3124.21	3127.43	3130.65	3133.86	590
600	3137.08	3140.29	3143.51	3146.72	3149.93	3153.14	3156.35	3159.56	3162.77	3165.97	600
610	3169.18	3172.38	3175.58	3178.78	3181.98	3185.18	3188.38	3191.57	3194.77	3197.96	610
620	3201.16	3204.35	3207.54	3210.73	3213.91	3217.10	3220.29	3223.47	3226.66	3229.84	620
630	3233.02	3236.20	3239.38	3242.56	3245.73	3248.91	3252.08	3255.26	3258.43	3261.60	630
640	3264.77	3267.94	3271.10	3274.27	3277.44	3280.60	3283.76	3286.92	3290.08	3293.24	640
650	3296.40	3299.56	3302.71	3305.87	3309.02	3312.17	3315.33	3318.48	3321.62	3324.77	650
660	3327.92	3331.06	3334.21	3337.35	3340.49	3343.63	3346.77	3349.91	3353.05	3356.19	660
670	3359.32	3362.46	3365.59	3368.72	3371.85	3374.98	3378.11	3381.23	3384.36	3387.48	670
680	3390.61	3393.73	3396.86	3399.97	3403.09	3406.21	3409.32	3412.44	3415.55	3418.67	680
690	3421.78	3424.89	3428.00	3431.11	3434.22	3437.32	3440.43	3443.53	3446.63	3449.73	690
700	3452.84	3455.93	3459.03	3462.13	3465.22	3468.32	3471.41	3474.51	3477.60	3480.69	700
710	3483.78	3486.86	3489.95	3493.03	3496.12	3499.20	3502.28	3505.36	3508.44	3511.52	710
720	3514.60	3517.68	3520.75	3523.82	3526.90	3529.97	3533.04	3536.11	3539.18	3542.24	720
730	3545.31	3548.37	3551.44	3554.50	3557.56	3560.62	3563.68	3566.74	3569.79	3572.85	730
740	3575.90	3578.96	3582.01	3585.06	3588.11	3591.16	3594.20	3597.25	3600.29	3603.34	740
750	3606.38	3609.42	3612.46	3615.50	3618.54	3621.58	3624.61	3627.65	3630.68	3633.71	750
760	3636.74	3639.77	3642.80	3645.83	3648.86	3651.88	3654.91	3657.93	3660.95	3663.97	760
770	3666.99	3670.01	3673.03	3676.04	3679.06	3682.07	3685.08	3688.10	3691.11	3694.12	770
780	3697.12	3700.13	3703.14	3706.14	3709.14	3712.15	3715.15	3718.15	3721.15	3724.14	780
790	3727.14	3730.13	3733.13	3736.12	3739.11	3742.10	3745.09	3748.08	3751.07	3754.06	790
800	3757.04	3760.02	3763.01	3765.99	3768.97	3771.95	3774.93	3777.90	3780.88	3783.85	800
810	3786.83	3789.80	3792.77	3795.74	3798.71	3801.67	3804.64	3807.61	3810.57	3813.53	810
820	3816.50	3819.46	3822.42	3825.37	3828.33	3831.29	3834.24	3837.20	3840.15	3843.10	820
830	3846.05	3849.00	3851.95	3854.89	3857.84	3860.78	3863.73	3866.67	3869.61	3872.55	830
840	3875.49	3878.43	3881.36	3884.30	3887.23	3890.16	3893.10	3896.03	3898.96	3901.88	840
850	3904.81										850