

RTD Temperature Vs. Resistance Table

PLATINUM : PF TCR = 0.00385

$R_0 = 1000$

A = 0.0039083 B = -5.775E-07 C = -4.183E-12

Values are in Ohms

Temp °C	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	185.201									
-190	228.255	223.965	219.672	215.376	211.076	206.772	202.465	198.154	193.840	189.522
-180	270.964	266.708	262.449	258.186	253.920	249.651	245.379	241.103	236.824	232.541
-170	313.350	309.126	304.898	300.667	296.434	292.197	287.956	283.713	279.467	275.217
-160	355.433	351.238	347.040	342.839	338.635	334.429	330.219	326.006	321.791	317.572
-150	397.232	393.064	388.894	384.721	380.545	376.367	372.186	368.002	363.815	359.626
-140	438.764	434.622	430.478	426.331	422.182	418.030	413.876	409.719	405.559	401.397
-130	480.048	475.930	471.810	467.688	463.563	459.436	455.307	451.175	447.040	442.904
-120	521.098	517.003	512.906	508.806	504.705	500.601	496.495	492.386	488.276	484.163
-110	561.930	557.856	553.780	549.702	545.622	541.540	537.456	533.370	529.281	525.191
-100	602.558	598.504	594.448	590.391	586.331	582.269	578.205	574.139	570.072	566.002
-90	642.996	638.960	634.923	630.884	626.843	622.800	618.756	614.709	610.661	606.611
-80	683.254	679.236	675.217	671.195	667.172	663.147	659.120	655.092	651.062	647.030
-70	723.345	719.344	715.340	711.335	707.328	703.320	699.310	695.299	691.286	687.271
-60	763.278	759.292	755.304	751.315	747.324	743.331	739.337	735.341	731.344	727.346
-50	803.063	799.091	795.117	791.143	787.166	783.189	779.210	775.229	771.247	767.263
-40	842.707	838.748	834.789	830.828	826.865	822.902	818.937	814.970	811.003	807.033
-30	882.217	878.271	874.325	870.377	866.428	862.478	858.526	854.573	850.619	846.663
-20	921.599	917.666	913.732	909.797	905.861	901.923	897.985	894.044	890.103	886.160
-10	960.859	956.938	953.016	949.093	945.169	941.244	937.317	933.390	929.461	925.530
-0	1000.00	996.091	992.181	988.270	984.358	980.444	976.529	972.613	968.696	964.778

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	1000.00	1003.91	1007.81	1011.72	1015.62	1019.53	1023.43	1027.33	1031.23	1035.13
10	1039.03	1042.92	1046.82	1050.71	1054.60	1058.49	1062.38	1066.27	1070.16	1074.05
20	1077.94	1081.82	1085.70	1089.59	1093.47	1097.35	1101.23	1105.10	1108.98	1112.86
30	1116.73	1120.60	1124.47	1128.35	1132.21	1136.08	1139.95	1143.82	1147.68	1151.55
40	1155.41	1159.27	1163.13	1166.99	1170.85	1174.70	1178.56	1182.41	1186.27	1190.12
50	1193.97	1197.82	1201.67	1205.52	1209.36	1213.21	1217.05	1220.90	1224.74	1228.58
60	1232.42	1236.26	1240.09	1243.93	1247.77	1251.60	1255.43	1259.26	1263.09	1266.92
70	1270.75	1274.58	1278.40	1282.23	1286.05	1289.87	1293.70	1297.52	1301.33	1305.15
80	1308.97	1312.78	1316.60	1320.41	1324.22	1328.03	1331.84	1335.65	1339.46	1343.26
90	1347.07	1350.87	1354.68	1358.48	1362.28	1366.08	1369.87	1373.67	1377.47	1381.26

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
100	1385.05	1388.85	1392.64	1396.43	1400.22	1404.00	1407.79	1411.58	1415.36	1419.14
110	1422.93	1426.71	1430.49	1434.26	1438.04	1441.82	1445.59	1449.37	1453.14	1456.91
120	1460.68	1464.45	1468.22	1471.98	1475.75	1479.51	1483.28	1487.04	1490.80	1494.56
130	1498.32	1502.08	1505.83	1509.59	1513.34	1517.10	1520.85	1524.60	1528.35	1532.10
140	1535.84	1539.59	1543.33	1547.08	1550.82	1554.56	1558.30	1562.04	1565.78	1569.52
150	1573.25	1576.99	1580.72	1584.45	1588.18	1591.91	1595.64	1599.37	1603.09	1606.82
160	1610.54	1614.27	1617.99	1621.71	1625.43	1629.15	1632.86	1636.58	1640.30	1644.01
170	1647.72	1651.43	1655.14	1658.85	1662.56	1666.27	1669.97	1673.68	1677.38	1681.08
180	1684.78	1688.48	1692.18	1695.88	1699.58	1703.27	1706.96	1710.66	1714.35	1718.04
190	1721.73	1725.42	1729.10	1732.79	1736.48	1740.16	1743.84	1747.52	1751.20	1754.88
200	1758.56	1762.24	1765.91	1769.59	1773.26	1776.93	1780.60	1784.27	1787.94	1791.61
210	1795.28	1798.94	1802.60	1806.27	1809.93	1813.59	1817.25	1820.91	1824.56	1828.22
220	1831.88	1835.53	1839.18	1842.83	1846.48	1850.13	1853.78	1857.43	1861.07	1864.72
230	1868.36	1872.00	1875.64	1879.28	1882.92	1886.56	1890.19	1893.83	1897.46	1901.10
240	1904.73	1908.36	1911.99	1915.62	1919.24	1922.87	1926.49	1930.12	1933.74	1937.36
250	1940.98	1944.60	1948.22	1951.83	1955.45	1959.06	1962.68	1966.29	1969.90	1973.51
260	1977.12	1980.73	1984.33	1987.94	1991.54	1995.14	1998.75	2002.35	2005.95	2009.54
270	2013.14	2016.74	2020.33	2023.93	2027.52	2031.11	2034.70	2038.29	2041.88	2045.46
280	2049.05	2052.63	2056.22	2059.80	2063.38	2066.96	2070.54	2074.11	2077.69	2081.27
290	2084.84	2088.41	2091.98	2095.55	2099.12	2102.69	2106.26	2109.82	2113.39	2116.95
300	2120.52	2124.08	2127.64	2131.20	2134.75	2138.31	2141.87	2145.42	2148.97	2152.52
310	2156.08	2159.62	2163.17	2166.72	2170.27	2173.81	2177.36	2180.90	2184.44	2187.98
320	2191.52	2195.06	2198.60	2202.13	2205.67	2209.20	2212.73	2216.26	2219.79	2223.32
330	2226.85	2230.38	2233.90	2237.43	2240.95	2244.47	2247.99	2251.51	2255.03	2258.55
340	2262.06	2265.58	2269.09	2272.60	2276.12	2279.63	2283.14	2286.64	2290.15	2293.66
350	2297.16	2300.66	2304.17	2307.67	2311.17	2314.67	2318.16	2321.66	2325.16	2328.65
360	2332.14	2335.64	2339.13	2342.62	2346.10	2349.59	2353.08	2356.56	2360.05	2363.53
370	2367.01	2370.49	2373.97	2377.45	2380.93	2384.40	2387.88	2391.35	2394.82	2398.29
380	2401.76	2405.23	2408.70	2412.17	2415.63	2419.10	2422.56	2426.02	2429.48	2432.94
390	2436.40	2439.86	2443.31	2446.77	2450.22	2453.67	2457.13	2460.58	2464.03	2467.47
400	2470.92	2474.37	2477.81	2481.25	2484.70	2488.14	2491.58	2495.02	2498.45	2501.89
410	2505.33	2508.76	2512.19	2515.62	2519.06	2522.48	2525.91	2529.34	2532.77	2536.19
420	2539.62	2543.04	2546.46	2549.88	2553.30	2556.72	2560.13	2563.55	2566.96	2570.38
430	2573.79	2577.20	2580.61	2584.02	2587.43	2590.83	2594.24	2597.64	2601.05	2604.45

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
440	2607.85	2611.25	2614.65	2618.04	2621.44	2624.83	2628.23	2631.62	2635.01	2638.40
450	2641.79	2645.18	2648.57	2651.95	2655.34	2658.72	2662.10	2665.48	2668.86	2672.24
460	2675.62	2679.00	2682.37	2685.74	2689.12	2692.49	2695.86	2699.23	2702.60	2705.97
470	2709.33	2712.70	2716.06	2719.42	2722.78	2726.14	2729.50	2732.86	2736.22	2739.57
480	2742.93	2746.28	2749.63	2752.98	2756.33	2759.68	2763.03	2766.38	2769.72	2773.07
490	2776.41	2779.75	2783.09	2786.43	2789.77	2793.11	2796.44	2799.78	2803.11	2806.44
500	2809.78	2813.11	2816.43	2819.76	2823.09	2826.41	2829.74	2833.06	2836.38	2839.71
510	2843.03	2846.34	2849.66	2852.98	2856.29	2859.61	2862.92	2866.23	2869.54	2872.85
520	2876.16	2879.47	2882.77	2886.08	2889.38	2892.68	2895.99	2899.29	2902.58	2905.88
530	2909.18	2912.47	2915.77	2919.06	2922.35	2925.65	2928.94	2932.22	2935.51	2938.80
540	2942.08	2945.37	2948.65	2951.93	2955.21	2958.49	2961.77	2965.05	2968.32	2971.60
550	2974.87	2978.14	2981.42	2984.69	2987.95	2991.22	2994.49	2997.75	3001.02	3004.28
560	3007.54	3010.80	3014.06	3017.32	3020.58	3023.84	3027.09	3030.35	3033.60	3036.85
570	3040.10	3043.35	3046.60	3049.85	3053.09	3056.34	3059.58	3062.82	3066.06	3069.30
580	3072.54	3075.78	3079.02	3082.25	3085.49	3088.72	3091.95	3095.18	3098.41	3101.64
590	3104.87	3108.10	3111.32	3114.54	3117.77	3120.99	3124.21	3127.43	3130.65	3133.86
600	3137.08	3140.29	3143.51	3146.72	3149.93	3153.14	3156.35	3159.56	3162.77	3165.97
610	3169.18	3172.38	3175.58	3178.78	3181.98	3185.18	3188.38	3191.57	3194.77	3197.96
620	3201.15	3204.35	3207.54	3210.73	3213.91	3217.10	3220.29	3223.47	3226.66	3229.84
630	3233.02									