

## 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 °F	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-320	204.380	201.986	199.592	197.196	194.799	192.401	190.002	187.602	185.201	
-310	228.255	225.872	223.488	221.104	218.718	216.331	213.943	211.554	209.164	206.772
-300	252.023	249.651	247.278	244.904	242.529	240.152	237.775	235.396	233.017	230.636
-290	275.689	273.327	270.964	268.600	266.235	263.869	261.502	259.134	256.765	254.395
-280	299.256	296.904	294.551	292.197	289.841	287.485	285.128	282.770	280.411	278.051
-270	322.728	320.385	318.041	315.696	313.350	311.004	308.656	306.308	303.958	301.608
-260	346.107	343.773	341.438	339.103	336.766	334.429	332.090	329.751	327.411	325.070
-250	369.397	367.072	364.746	362.419	360.091	357.763	355.433	353.103	350.772	348.440
-240	392.601	390.284	387.967	385.649	383.329	381.009	378.689	376.367	374.044	371.721
-230	415.723	413.414	411.105	408.795	406.484	404.172	401.859	399.546	397.232	394.917
-220	438.764	436.464	434.162	431.860	429.557	427.253	424.949	422.643	420.337	418.030
-210	461.729	459.436	457.142	454.848	452.552	450.256	447.959	445.662	443.363	441.064
-200	484.620	482.334	480.048	477.760	475.472	473.184	470.894	468.604	466.313	464.021
-190	507.439	505.161	502.881	500.601	498.320	496.038	493.756	491.473	489.189	486.905
-180	530.190	527.918	525.645	523.372	521.098	518.823	516.548	514.272	511.995	509.717
-170	552.874	550.609	548.343	546.076	543.808	541.540	539.272	537.002	534.732	532.461
-160	575.495	573.236	570.976	568.715	566.454	564.192	561.930	559.667	557.403	555.139
-150	598.054	595.801	593.547	591.292	589.037	586.782	584.526	582.269	580.011	577.753
-140	620.553	618.306	616.058	613.810	611.561	609.311	607.061	604.810	602.558	600.306
-130	642.996	640.754	638.512	636.269	634.026	631.782	629.537	627.292	625.046	622.800
-120	665.383	663.147	660.910	658.673	656.435	654.196	651.957	649.718	647.478	645.237
-110	687.717	685.486	683.254	681.022	678.790	676.557	674.323	672.089	669.854	667.619
-100	710.000	707.774	705.547	703.320	701.093	698.865	696.636	694.407	692.178	689.948
-90	732.233	730.012	727.790	725.568	723.345	721.122	718.899	716.675	714.450	712.225
-80	754.418	752.201	749.984	747.767	745.549	743.331	741.112	738.893	736.673	734.453
-70	776.556	774.344	772.132	769.919	767.706	765.493	763.278	761.064	758.849	756.633
-60	798.649	796.442	794.234	792.026	789.817	787.608	785.399	783.189	780.978	778.767
-50	820.699	818.496	816.293	814.089	811.884	809.680	807.474	805.269	803.063	800.856
-40	842.707	840.508	838.308	836.109	833.909	831.708	829.507	827.306	825.104	822.902
-30	864.673	862.478	860.283	858.087	855.891	853.695	851.498	849.301	847.103	844.905
-20	886.599	884.408	882.217	880.025	877.833	875.641	873.448	871.255	869.061	866.867
-10	908.485	906.298	904.111	901.923	899.735	897.547	895.358	893.169	890.979	888.789
-0	930.334	928.151	925.967	923.783	921.599	919.414	917.229	915.044	912.858	910.672

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	930.334	932.517	934.699	936.881	939.063	941.244	943.425	945.605	947.786	949.965
10	952.145	954.324	956.503	958.681	960.859	963.036	965.214	967.390	969.567	971.743
20	973.919	976.094	978.269	980.444	982.618	984.792	986.966	989.139	991.312	993.485
30	995.657	997.829	1000.00	1002.17	1004.34	1006.51	1008.68	1010.85	1013.02	1015.19
40	1017.36	1019.53	1021.69	1023.86	1026.03	1028.20	1030.36	1032.53	1034.69	1036.86
50	1039.03	1041.19	1043.35	1045.52	1047.68	1049.85	1052.01	1054.17	1056.33	1058.49
60	1060.66	1062.82	1064.98	1067.14	1069.30	1071.46	1073.62	1075.78	1077.94	1080.09
70	1082.25	1084.41	1086.57	1088.72	1090.88	1093.04	1095.19	1097.35	1099.50	1101.66
80	1103.81	1105.96	1108.12	1110.27	1112.42	1114.58	1116.73	1118.88	1121.03	1123.18
90	1125.33	1127.48	1129.63	1131.78	1133.93	1136.08	1138.23	1140.38	1142.53	1144.68
100	1146.82	1148.97	1151.12	1153.26	1155.41	1157.55	1159.70	1161.84	1163.99	1166.13
110	1168.28	1170.42	1172.56	1174.70	1176.85	1178.99	1181.13	1183.27	1185.41	1187.55
120	1189.69	1191.83	1193.97	1196.11	1198.25	1200.39	1202.53	1204.66	1206.80	1208.94
130	1211.07	1213.21	1215.35	1217.48	1219.62	1221.75	1223.89	1226.02	1228.15	1230.29
140	1232.42	1234.55	1236.68	1238.82	1240.95	1243.08	1245.21	1247.34	1249.47	1251.60
150	1253.73	1255.86	1257.99	1260.11	1262.24	1264.37	1266.50	1268.62	1270.75	1272.88
160	1275.00	1277.13	1279.25	1281.38	1283.50	1285.63	1287.75	1289.87	1292.00	1294.12
170	1296.24	1298.36	1300.49	1302.61	1304.73	1306.85	1308.97	1311.09	1313.21	1315.33
180	1317.44	1319.56	1321.68	1323.80	1325.92	1328.03	1330.15	1332.27	1334.38	1336.50
190	1338.61	1340.73	1342.84	1344.96	1347.07	1349.18	1351.30	1353.41	1355.52	1357.63
200	1359.74	1361.86	1363.97	1366.08	1368.19	1370.30	1372.41	1374.51	1376.62	1378.73
210	1380.84	1382.95	1385.05	1387.16	1389.27	1391.37	1393.48	1395.59	1397.69	1399.80
220	1401.90	1404.00	1406.11	1408.21	1410.31	1412.42	1414.52	1416.62	1418.72	1420.82
230	1422.93	1425.03	1427.13	1429.23	1431.33	1433.42	1435.52	1437.62	1439.72	1441.82
240	1443.91	1446.01	1448.11	1450.20	1452.30	1454.40	1456.49	1458.59	1460.68	1462.77
250	1464.87	1466.96	1469.05	1471.15	1473.24	1475.33	1477.42	1479.51	1481.60	1483.70
260	1485.79	1487.88	1489.96	1492.05	1494.14	1496.23	1498.32	1500.41	1502.49	1504.58
270	1506.67	1508.75	1510.84	1512.93	1515.01	1517.10	1519.18	1521.26	1523.35	1525.43
280	1527.51	1529.60	1531.68	1533.76	1535.84	1537.92	1540.01	1542.09	1544.17	1546.25
290	1548.33	1550.40	1552.48	1554.56	1556.64	1558.72	1560.79	1562.87	1564.95	1567.02
300	1569.10	1571.18	1573.25	1575.33	1577.40	1579.47	1581.55	1583.62	1585.69	1587.77
310	1589.84	1591.91	1593.98	1596.05	1598.13	1600.20	1602.27	1604.34	1606.41	1608.48
320	1610.54	1612.61	1614.68	1616.75	1618.82	1620.88	1622.95	1625.02	1627.08	1629.15
330	1631.21	1633.28	1635.34	1637.41	1639.47	1641.53	1643.60	1645.66	1647.72	1649.78

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
340	1651.84	1653.91	1655.97	1658.03	1660.09	1662.15	1664.21	1666.27	1668.33	1670.38
350	1672.44	1674.50	1676.56	1678.61	1680.67	1682.73	1684.78	1686.84	1688.89	1690.95
360	1693.00	1695.06	1697.11	1699.16	1701.22	1703.27	1705.32	1707.37	1709.43	1711.48
370	1713.53	1715.58	1717.63	1719.68	1721.73	1723.78	1725.83	1727.88	1729.92	1731.97
380	1734.02	1736.07	1738.11	1740.16	1742.21	1744.25	1746.30	1748.34	1750.39	1752.43
390	1754.47	1756.52	1758.56	1760.60	1762.65	1764.69	1766.73	1768.77	1770.81	1772.85
400	1774.89	1776.93	1778.97	1781.01	1783.05	1785.09	1787.13	1789.16	1791.20	1793.24
410	1795.28	1797.31	1799.35	1801.38	1803.42	1805.45	1807.49	1809.52	1811.56	1813.59
420	1815.62	1817.66	1819.69	1821.72	1823.75	1825.78	1827.81	1829.84	1831.88	1833.90
430	1835.93	1837.96	1839.99	1842.02	1844.05	1846.08	1848.10	1850.13	1852.16	1854.18
440	1856.21	1858.24	1860.26	1862.29	1864.31	1866.34	1868.36	1870.38	1872.41	1874.43
450	1876.45	1878.47	1880.50	1882.52	1884.54	1886.56	1888.58	1890.60	1892.62	1894.64
460	1896.66	1898.67	1900.69	1902.71	1904.73	1906.75	1908.76	1910.78	1912.79	1914.81
470	1916.83	1918.84	1920.85	1922.87	1924.88	1926.90	1928.91	1930.92	1932.93	1934.95
480	1936.96	1938.97	1940.98	1942.99	1945.00	1947.01	1949.02	1951.03	1953.04	1955.05
490	1957.06	1959.06	1961.07	1963.08	1965.09	1967.09	1969.10	1971.10	1973.11	1975.11
500	1977.12	1979.12	1981.13	1983.13	1985.13	1987.14	1989.14	1991.14	1993.14	1995.14
510	1997.15	1999.15	2001.15	2003.15	2005.15	2007.15	2009.14	2011.14	2013.14	2015.14
520	2017.14	2019.13	2021.13	2023.13	2025.12	2027.12	2029.11	2031.11	2033.10	2035.10
530	2037.09	2039.09	2041.08	2043.07	2045.06	2047.06	2049.05	2051.04	2053.03	2055.02
540	2057.01	2059.00	2060.99	2062.98	2064.97	2066.96	2068.95	2070.93	2072.92	2074.91
550	2076.90	2078.88	2080.87	2082.85	2084.84	2086.82	2088.81	2090.79	2092.78	2094.76
560	2096.74	2098.73	2100.71	2102.69	2104.67	2106.65	2108.64	2110.62	2112.60	2114.58
570	2116.56	2118.54	2120.52	2122.49	2124.47	2126.45	2128.43	2130.40	2132.38	2134.36
580	2136.33	2138.31	2140.28	2142.26	2144.23	2146.21	2148.18	2150.16	2152.13	2154.10
590	2156.08	2158.05	2160.02	2161.99	2163.96	2165.93	2167.90	2169.87	2171.84	2173.81
600	2175.78	2177.75	2179.72	2181.69	2183.65	2185.62	2187.59	2189.55	2191.52	2193.49
610	2195.45	2197.42	2199.38	2201.35	2203.31	2205.27	2207.24	2209.20	2211.16	2213.12
620	2215.09	2217.05	2219.01	2220.97	2222.93	2224.89	2226.85	2228.81	2230.77	2232.73
630	2234.68	2236.64	2238.60	2240.56	2242.51	2244.47	2246.43	2248.38	2250.34	2252.29
640	2254.25	2256.20	2258.16	2260.11	2262.06	2264.02	2265.97	2267.92	2269.87	2271.82
650	2273.78	2275.73	2277.68	2279.63	2281.58	2283.53	2285.47	2287.42	2289.37	2291.32
660	2293.27	2295.21	2297.16	2299.11	2301.05	2303.00	2304.95	2306.89	2308.84	2310.78
670	2312.72	2314.67	2316.61	2318.55	2320.50	2322.44	2324.38	2326.32	2328.26	2330.20

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
680	2332.14	2334.08	2336.02	2337.96	2339.90	2341.84	2343.78	2345.72	2347.65	2349.59
690	2351.53	2353.47	2355.40	2357.34	2359.27	2361.21	2363.14	2365.08	2367.01	2368.94
700	2370.88	2372.81	2374.74	2376.68	2378.61	2380.54	2382.47	2384.40	2386.33	2388.26
710	2390.19	2392.12	2394.05	2395.98	2397.91	2399.84	2401.76	2403.69	2405.62	2407.54
720	2409.47	2411.40	2413.32	2415.25	2417.17	2419.10	2421.02	2422.94	2424.87	2426.79
730	2428.71	2430.63	2432.56	2434.48	2436.40	2438.32	2440.24	2442.16	2444.08	2446.00
740	2447.92	2449.84	2451.76	2453.67	2455.59	2457.51	2459.43	2461.34	2463.26	2465.17
750	2467.09	2469.01	2470.92	2472.83	2474.75	2476.66	2478.58	2480.49	2482.40	2484.31
760	2486.23	2488.14	2490.05	2491.96	2493.87	2495.78	2497.69	2499.60	2501.51	2503.42
770	2505.33	2507.23	2509.14	2511.05	2512.96	2514.86	2516.77	2518.67	2520.58	2522.48
780	2524.39	2526.29	2528.20	2530.10	2532.01	2533.91	2535.81	2537.71	2539.62	2541.52
790	2543.42	2545.32	2547.22	2549.12	2551.02	2552.92	2554.82	2556.72	2558.61	2560.51
800	2562.41	2564.31	2566.20	2568.10	2570.00	2571.89	2573.79	2575.68	2577.58	2579.47
810	2581.37	2583.26	2585.15	2587.05	2588.94	2590.83	2592.73	2594.62	2596.51	2598.40
820	2600.29	2602.18	2604.07	2605.96	2607.85	2609.74	2611.63	2613.51	2615.40	2617.29
830	2619.18	2621.06	2622.95	2624.83	2626.72	2628.60	2630.49	2632.37	2634.26	2636.14
840	2638.03	2639.91	2641.79	2643.67	2645.56	2647.44	2649.32	2651.20	2653.08	2654.96
850	2656.84	2658.72	2660.60	2662.48	2664.36	2666.23	2668.11	2669.99	2671.87	2673.74
860	2675.62	2677.49	2679.37	2681.25	2683.12	2685.00	2686.87	2688.74	2690.62	2692.49
870	2694.36	2696.23	2698.11	2699.98	2701.85	2703.72	2705.59	2707.46	2709.33	2711.20
880	2713.07	2714.94	2716.81	2718.68	2720.54	2722.41	2724.28	2726.14	2728.01	2729.88
890	2731.74	2733.61	2735.47	2737.34	2739.20	2741.06	2742.93	2744.79	2746.65	2748.52
900	2750.38	2752.24	2754.10	2755.96	2757.82	2759.68	2761.54	2763.40	2765.26	2767.12
910	2768.98	2770.84	2772.69	2774.55	2776.41	2778.27	2780.12	2781.98	2783.83	2785.69
920	2787.54	2789.40	2791.25	2793.11	2794.96	2796.81	2798.67	2800.52	2802.37	2804.22
930	2806.07	2807.92	2809.78	2811.63	2813.48	2815.32	2817.17	2819.02	2820.87	2822.72
940	2824.57	2826.41	2828.26	2830.11	2831.95	2833.80	2835.65	2837.49	2839.34	2841.18
950	2843.03	2844.87	2846.71	2848.56	2850.40	2852.24	2854.08	2855.92	2857.77	2859.61
960	2861.45	2863.29	2865.13	2866.97	2868.81	2870.65	2872.48	2874.32	2876.16	2878.00
970	2879.83	2881.67	2883.51	2885.34	2887.18	2889.01	2890.85	2892.68	2894.52	2896.35
980	2898.19	2900.02	2901.85	2903.68	2905.52	2907.35	2909.18	2911.01	2912.84	2914.67
990	2916.50	2918.33	2920.16	2921.99	2923.82	2925.65	2927.47	2929.30	2931.13	2932.95
1000	2934.78	2936.61	2938.43	2940.26	2942.08	2943.91	2945.73	2947.56	2949.38	2951.20
1010	2953.03	2954.85	2956.67	2958.49	2960.31	2962.13	2963.95	2965.77	2967.59	2969.41

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
1020	2971.23	2973.05	2974.87	2976.69	2978.51	2980.32	2982.14	2983.96	2985.78	2987.59
1030	2989.41	2991.22	2993.04	2994.85	2996.67	2998.48	3000.29	3002.11	3003.92	3005.73
1040	3007.54	3009.36	3011.17	3012.98	3014.79	3016.60	3018.41	3020.22	3022.03	3023.84
1050	3025.65	3027.45	3029.26	3031.07	3032.88	3034.68	3036.49	3038.30	3040.10	3041.91
1060	3043.71	3045.52	3047.32	3049.12	3050.93	3052.73	3054.53	3056.34	3058.14	3059.94
1070	3061.74	3063.54	3065.34	3067.14	3068.94	3070.74	3072.54	3074.34	3076.14	3077.94
1080	3079.74	3081.53	3083.33	3085.13	3086.92	3088.72	3090.52	3092.31	3094.11	3095.90
1090	3097.70	3099.49	3101.28	3103.08	3104.87	3106.66	3108.45	3110.25	3112.04	3113.83
1100	3115.62	3117.41	3119.20	3120.99	3122.78	3124.57	3126.36	3128.14	3129.93	3131.72
1110	3133.51	3135.29	3137.08	3138.87	3140.65	3142.44	3144.22	3146.01	3147.79	3149.58
1120	3151.36	3153.14	3154.92	3156.71	3158.49	3160.27	3162.05	3163.83	3165.61	3167.40
1130	3169.18	3170.95	3172.73	3174.51	3176.29	3178.07	3179.85	3181.63	3183.40	3185.18
1140	3186.96	3188.73	3190.51	3192.28	3194.06	3195.83	3197.61	3199.38	3201.15	3202.93
1150	3204.70	3206.47	3208.25	3210.02	3211.79	3213.56	3215.33	3217.10	3218.87	3220.64
1160	3222.41	3224.18	3225.95	3227.72	3229.48	3231.25	3233.02			