

## RTD Temperature Vs. Resistance Table

PLATINUM : PG    TCR = 0.00385

$R_0 = 500$

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	92.6004									
-190	114.127	111.983	109.836	107.688	105.538	103.386	101.233	99.0772	96.9201	94.7612
-180	135.482	133.354	131.224	129.093	126.960	124.826	122.689	120.551	118.412	116.270
-170	156.675	154.563	152.449	150.334	148.217	146.098	143.978	141.857	139.733	137.609
-160	177.717	175.619	173.520	171.420	169.318	167.214	165.109	163.003	160.895	158.786
-150	198.616	196.532	194.447	192.361	190.273	188.183	186.093	184.001	181.908	179.813
-140	219.382	217.311	215.239	213.166	211.091	209.015	206.938	204.859	202.780	200.698
-130	240.024	237.965	235.905	233.844	231.782	229.718	227.653	225.587	223.520	221.452
-120	260.549	258.501	256.453	254.403	252.352	250.300	248.247	246.193	244.138	242.081
-110	280.965	278.928	276.890	274.851	272.811	270.770	268.728	266.685	264.641	262.595
-100	301.279	299.252	297.224	295.195	293.165	291.134	289.103	287.070	285.036	283.001
-90	321.498	319.480	317.462	315.442	313.421	311.400	309.378	307.355	305.330	303.305
-80	341.627	339.618	337.608	335.598	333.586	331.573	329.560	327.546	325.531	323.515
-70	361.673	359.672	357.670	355.668	353.664	351.660	349.655	347.649	345.643	343.635
-60	381.639	379.646	377.652	375.657	373.662	371.666	369.668	367.671	365.672	363.673
-50	401.531	399.545	397.559	395.571	393.583	391.594	389.605	387.614	385.623	383.632
-40	421.353	419.374	417.394	415.414	413.433	411.451	409.468	407.485	405.501	403.517
-30	441.108	439.136	437.162	435.189	433.214	431.239	429.263	427.287	425.310	423.332
-20	460.799	458.833	456.866	454.899	452.930	450.962	448.992	447.022	445.052	443.080
-10	480.429	478.469	476.508	474.547	472.585	470.622	468.659	466.695	464.730	462.765
-0	500.000	498.046	496.091	494.135	492.179	490.222	488.265	486.307	484.348	482.389

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	500.000	501.954	503.907	505.860	507.812	509.764	511.715	513.665	515.615	517.564
10	519.513	521.461	523.408	525.355	527.302	529.247	531.192	533.137	535.081	537.025
20	538.968	540.910	542.852	544.793	546.733	548.673	550.613	552.552	554.490	556.428
30	558.365	560.301	562.237	564.173	566.107	568.042	569.975	571.908	573.841	575.773
40	577.704	579.635	581.565	583.495	585.424	587.352	589.280	591.207	593.134	595.060
50	596.986	598.911	600.835	602.759	604.682	606.605	608.527	610.448	612.369	614.290
60	616.209	618.129	620.047	621.965	623.883	625.800	627.716	629.632	631.547	633.462
70	635.376	637.289	639.202	641.114	643.026	644.937	646.848	648.758	650.667	652.576
80	654.484	656.392	658.299	660.205	662.111	664.017	665.921	667.826	669.729	671.632
90	673.535	675.437	677.338	679.239	681.139	683.038	684.937	686.836	688.734	690.631

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100	692.527	694.424	696.319	698.214	700.108	702.002	703.896	705.788	707.680	709.572
110	711.463	713.353	715.243	717.132	719.021	720.909	722.796	724.683	726.569	728.455
120	730.340	732.225	734.109	735.992	737.875	739.757	741.639	743.520	745.400	747.280
130	749.160	751.038	752.917	754.794	756.671	758.548	760.424	762.299	764.174	766.048
140	767.921	769.795	771.667	773.539	775.410	777.281	779.151	781.020	782.889	784.758
150	786.626	788.493	790.360	792.226	794.091	795.956	797.820	799.684	801.547	803.410
160	805.272	807.133	808.994	810.855	812.714	814.574	816.432	818.290	820.148	822.004
170	823.861	825.716	827.571	829.426	831.280	833.133	834.986	836.838	838.690	840.541
180	842.391	844.241	846.091	847.940	849.788	851.635	853.482	855.329	857.175	859.020
190	860.865	862.709	864.552	866.395	868.238	870.080	871.921	873.761	875.602	877.441
200	879.280	881.118	882.956	884.793	886.630	888.466	890.302	892.136	893.971	895.804
210	897.638	899.470	901.302	903.134	904.965	906.795	908.624	910.454	912.282	914.110
220	915.938	917.764	919.591	921.416	923.241	925.066	926.890	928.713	930.536	932.358
230	934.180	936.001	937.821	939.641	941.460	943.279	945.097	946.915	948.732	950.548
240	952.364	954.179	955.994	957.808	959.622	961.435	963.247	965.059	966.870	968.681
250	970.491	972.300	974.109	975.917	977.725	979.532	981.339	983.145	984.950	986.755
260	988.560	990.363	992.166	993.969	995.771	997.572	999.373	1001.17	1002.97	1004.77
270	1006.57	1008.37	1010.17	1011.96	1013.76	1015.55	1017.35	1019.14	1020.94	1022.73
280	1024.52	1026.32	1028.11	1029.90	1031.69	1033.48	1035.27	1037.06	1038.85	1040.63
290	1042.42	1044.21	1045.99	1047.78	1049.56	1051.35	1053.13	1054.91	1056.69	1058.48
300	1060.26	1062.04	1063.82	1065.60	1067.38	1069.15	1070.93	1072.71	1074.49	1076.26
310	1078.04	1079.81	1081.59	1083.36	1085.13	1086.91	1088.68	1090.45	1092.22	1093.99
320	1095.76	1097.53	1099.30	1101.07	1102.83	1104.60	1106.37	1108.13	1109.90	1111.66
330	1113.42	1115.19	1116.95	1118.71	1120.47	1122.24	1124.00	1125.76	1127.51	1129.27
340	1131.03	1132.79	1134.55	1136.30	1138.06	1139.81	1141.57	1143.32	1145.08	1146.83
350	1148.58	1150.33	1152.08	1153.83	1155.58	1157.33	1159.08	1160.83	1162.58	1164.33
360	1166.07	1167.82	1169.56	1171.31	1173.05	1174.80	1176.54	1178.28	1180.02	1181.76
370	1183.51	1185.25	1186.99	1188.72	1190.46	1192.20	1193.94	1195.67	1197.41	1199.15
380	1200.88	1202.62	1204.35	1206.08	1207.82	1209.55	1211.28	1213.01	1214.74	1216.47
390	1218.20	1219.93	1221.66	1223.38	1225.11	1226.84	1228.56	1230.29	1232.01	1233.74
400	1235.46	1237.18	1238.91	1240.63	1242.35	1244.07	1245.79	1247.51	1249.23	1250.94
410	1252.66	1254.38	1256.10	1257.81	1259.53	1261.24	1262.96	1264.67	1266.38	1268.10
420	1269.81	1271.52	1273.23	1274.94	1276.65	1278.36	1280.07	1281.77	1283.48	1285.19
430	1286.89	1288.60	1290.31	1292.01	1293.71	1295.42	1297.12	1298.82	1300.52	1302.22

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440	1303.92	1305.62	1307.32	1309.02	1310.72	1312.42	1314.11	1315.81	1317.51	1319.20
450	1320.90	1322.59	1324.28	1325.98	1327.67	1329.36	1331.05	1332.74	1334.43	1336.12
460	1337.81	1339.50	1341.19	1342.87	1344.56	1346.24	1347.93	1349.61	1351.30	1352.98
470	1354.67	1356.35	1358.03	1359.71	1361.39	1363.07	1364.75	1366.43	1368.11	1369.79
480	1371.46	1373.14	1374.82	1376.49	1378.17	1379.84	1381.52	1383.19	1384.86	1386.53
490	1388.20	1389.88	1391.55	1393.22	1394.88	1396.55	1398.22	1399.89	1401.56	1403.22
500	1404.89	1406.55	1408.22	1409.88	1411.54	1413.21	1414.87	1416.53	1418.19	1419.85
510	1421.51	1423.17	1424.83	1426.49	1428.15	1429.80	1431.46	1433.12	1434.77	1436.43
520	1438.08	1439.73	1441.39	1443.04	1444.69	1446.34	1447.99	1449.64	1451.29	1452.94
530	1454.59	1456.24	1457.88	1459.53	1461.18	1462.82	1464.47	1466.11	1467.76	1469.40
540	1471.04	1472.68	1474.32	1475.97	1477.61	1479.25	1480.88	1482.52	1484.16	1485.80
550	1487.44	1489.07	1490.71	1492.34	1493.98	1495.61	1497.24	1498.88	1500.51	1502.14
560	1503.77	1505.40	1507.03	1508.66	1510.29	1511.92	1513.55	1515.17	1516.80	1518.43
570	1520.05	1521.68	1523.30	1524.92	1526.55	1528.17	1529.79	1531.41	1533.03	1534.65
580	1536.27	1537.89	1539.51	1541.13	1542.74	1544.36	1545.98	1547.59	1549.21	1550.82
590	1552.43	1554.05	1555.66	1557.27	1558.88	1560.49	1562.10	1563.71	1565.32	1566.93
600	1568.54	1570.15	1571.75	1573.36	1574.97	1576.57	1578.18	1579.78	1581.38	1582.99
610	1584.59	1586.19	1587.79	1589.39	1590.99	1592.59	1594.19	1595.79	1597.38	1598.98
620	1600.58	1602.17	1603.77	1605.36	1606.96	1608.55	1610.14	1611.74	1613.33	1614.92
630	1616.51									