

## RTD Temperature Vs. Resistance Table

PLATINUM : PS    TCR = 0.00385

$R_0 = 10000$

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	2043.80	2019.86	1995.92	1971.96	1947.99	1924.01	1900.02	1876.02	1852.01	
-310	2282.55	2258.72	2234.88	2211.04	2187.18	2163.31	2139.43	2115.54	2091.64	2067.72
-300	2520.23	2496.51	2472.78	2449.04	2425.29	2401.52	2377.75	2353.96	2330.17	2306.36
-290	2756.89	2733.27	2709.64	2686.00	2662.35	2638.69	2615.02	2591.34	2567.65	2543.95
-280	2992.56	2969.04	2945.51	2921.97	2898.41	2874.85	2851.28	2827.70	2804.11	2780.51
-270	3227.28	3203.85	3180.41	3156.96	3133.50	3110.04	3086.56	3063.08	3039.58	3016.08
-260	3461.07	3437.73	3414.38	3391.03	3367.66	3344.29	3320.90	3297.51	3274.11	3250.70
-250	3693.97	3670.72	3647.46	3624.19	3600.91	3577.63	3554.33	3531.03	3507.72	3484.40
-240	3926.01	3902.84	3879.67	3856.49	3833.29	3810.09	3786.89	3763.67	3740.44	3717.21
-230	4157.23	4134.14	4111.05	4087.95	4064.84	4041.72	4018.59	3995.46	3972.32	3949.17
-220	4387.64	4364.64	4341.62	4318.60	4295.57	4272.53	4249.49	4226.43	4203.37	4180.30
-210	4617.29	4594.36	4571.42	4548.48	4525.52	4502.56	4479.59	4456.62	4433.63	4410.64
-200	4846.20	4823.34	4800.48	4777.60	4754.72	4731.84	4708.94	4686.04	4663.13	4640.21
-190	5074.39	5051.61	5028.81	5006.01	4983.20	4960.38	4937.56	4914.73	4891.89	4869.05
-180	5301.90	5279.18	5256.45	5233.72	5210.98	5188.23	5165.48	5142.72	5119.95	5097.17
-170	5528.74	5506.09	5483.43	5460.76	5438.08	5415.40	5392.72	5370.02	5347.32	5324.61
-160	5754.95	5732.36	5709.76	5687.15	5664.54	5641.92	5619.30	5596.67	5574.03	5551.39
-150	5980.54	5958.01	5935.47	5912.92	5890.37	5867.82	5845.26	5822.69	5800.11	5777.53
-140	6205.53	6183.06	6160.58	6138.10	6115.61	6093.11	6070.61	6048.10	6025.58	6003.06
-130	6429.96	6407.54	6385.12	6362.69	6340.26	6317.82	6295.37	6272.92	6250.46	6228.00
-120	6653.83	6631.47	6609.10	6586.73	6564.35	6541.96	6519.57	6497.18	6474.78	6452.37
-110	6877.17	6854.86	6832.54	6810.22	6787.90	6765.57	6743.23	6720.89	6698.54	6676.19
-100	7100.00	7077.74	7055.47	7033.20	7010.93	6988.65	6966.36	6944.07	6921.78	6899.48
-90	7322.33	7300.12	7277.90	7255.68	7233.45	7211.22	7188.99	7166.75	7144.50	7122.25
-80	7544.18	7522.01	7499.84	7477.67	7455.49	7433.31	7411.12	7388.93	7366.73	7344.53
-70	7765.56	7743.44	7721.32	7699.19	7677.06	7654.93	7632.78	7610.64	7588.49	7566.33
-60	7986.49	7964.42	7942.34	7920.26	7898.17	7876.08	7853.99	7831.89	7809.78	7787.67
-50	8206.99	8184.96	8162.93	8140.89	8118.84	8096.80	8074.74	8052.69	8030.63	8008.56
-40	8427.07	8405.08	8383.08	8361.09	8339.09	8317.08	8295.07	8273.06	8251.04	8229.02
-30	8646.73	8624.78	8602.83	8580.87	8558.91	8536.95	8514.98	8493.01	8471.03	8449.05
-20	8865.99	8844.08	8822.17	8800.25	8778.33	8756.41	8734.48	8712.55	8690.61	8668.67
-10	9084.85	9062.98	9041.11	9019.23	8997.35	8975.47	8953.58	8931.69	8909.79	8887.89
-0	9303.34	9281.51	9259.67	9237.83	9215.99	9194.14	9172.29	9150.44	9128.58	9106.72

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	9303.34	9325.17	9346.99	9368.81	9390.63	9412.44	9434.25	9456.05	9477.86	9499.65
10	9521.45	9543.24	9565.03	9586.81	9608.59	9630.36	9652.14	9673.90	9695.67	9717.43
20	9739.19	9760.94	9782.69	9804.44	9826.18	9847.92	9869.66	9891.39	9913.12	9934.85
30	9956.57	9978.29	10000.0	10021.7	10043.4	10065.1	10086.8	10108.5	10130.2	10151.9
40	10173.6	10195.3	10216.9	10238.6	10260.3	10282.0	10303.6	10325.3	10346.9	10368.6
50	10390.3	10411.9	10433.5	10455.2	10476.8	10498.5	10520.1	10541.7	10563.3	10584.9
60	10606.6	10628.2	10649.8	10671.4	10693.0	10714.6	10736.2	10757.8	10779.4	10800.9
70	10822.5	10844.1	10865.7	10887.2	10908.8	10930.4	10951.9	10973.5	10995.0	11016.6
80	11038.1	11059.6	11081.2	11102.7	11124.2	11145.8	11167.3	11188.8	11210.3	11231.8
90	11253.3	11274.8	11296.3	11317.8	11339.3	11360.8	11382.3	11403.8	11425.3	11446.8
100	11468.2	11489.7	11511.2	11532.6	11554.1	11575.5	11597.0	11618.4	11639.9	11661.3
110	11682.8	11704.2	11725.6	11747.0	11768.5	11789.9	11811.3	11832.7	11854.1	11875.5
120	11896.9	11918.3	11939.7	11961.1	11982.5	12003.9	12025.3	12046.6	12068.0	12089.4
130	12110.7	12132.1	12153.5	12174.8	12196.2	12217.5	12238.9	12260.2	12281.5	12302.9
140	12324.2	12345.5	12366.8	12388.2	12409.5	12430.8	12452.1	12473.4	12494.7	12516.0
150	12537.3	12558.6	12579.9	12601.1	12622.4	12643.7	12665.0	12686.2	12707.5	12728.8
160	12750.0	12771.3	12792.5	12813.8	12835.0	12856.3	12877.5	12898.7	12920.0	12941.2
170	12962.4	12983.6	13004.9	13026.1	13047.3	13068.5	13089.7	13110.9	13132.1	13153.3
180	13174.4	13195.6	13216.8	13238.0	13259.2	13280.3	13301.5	13322.7	13343.8	13365.0
190	13386.1	13407.3	13428.4	13449.6	13470.7	13491.8	13513.0	13534.1	13555.2	13576.3
200	13597.4	13618.6	13639.7	13660.8	13681.9	13703.0	13724.1	13745.1	13766.2	13787.3
210	13808.4	13829.5	13850.5	13871.6	13892.7	13913.7	13934.8	13955.9	13976.9	13998.0
220	14019.0	14040.0	14061.1	14082.1	14103.1	14124.2	14145.2	14166.2	14187.2	14208.2
230	14229.3	14250.3	14271.3	14292.3	14313.3	14334.2	14355.2	14376.2	14397.2	14418.2
240	14439.1	14460.1	14481.1	14502.0	14523.0	14544.0	14564.9	14585.9	14606.8	14627.7
250	14648.7	14669.6	14690.5	14711.5	14732.4	14753.3	14774.2	14795.1	14816.0	14837.0
260	14857.9	14878.8	14899.6	14920.5	14941.4	14962.3	14983.2	15004.1	15024.9	15045.8
270	15066.7	15087.5	15108.4	15129.3	15150.1	15171.0	15191.8	15212.6	15233.5	15254.3
280	15275.1	15296.0	15316.8	15337.6	15358.4	15379.2	15400.1	15420.9	15441.7	15462.5
290	15483.3	15504.0	15524.8	15545.6	15566.4	15587.2	15607.9	15628.7	15649.5	15670.2
300	15691.0	15711.8	15732.5	15753.3	15774.0	15794.7	15815.5	15836.2	15856.9	15877.7
310	15898.4	15919.1	15939.8	15960.5	15981.3	16002.0	16022.7	16043.4	16064.1	16084.8
320	16105.4	16126.1	16146.8	16167.5	16188.2	16208.8	16229.5	16250.2	16270.8	16291.5
330	16312.1	16332.8	16353.4	16374.1	16394.7	16415.3	16436.0	16456.6	16477.2	16497.8

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340	16518.4	16539.1	16559.7	16580.3	16600.9	16621.5	16642.1	16662.7	16683.3	16703.8
350	16724.4	16745.0	16765.6	16786.1	16806.7	16827.3	16847.8	16868.4	16888.9	16909.5
360	16930.0	16950.6	16971.1	16991.6	17012.2	17032.7	17053.2	17073.7	17094.3	17114.8
370	17135.3	17155.8	17176.3	17196.8	17217.3	17237.8	17258.3	17278.8	17299.2	17319.7
380	17340.2	17360.7	17381.1	17401.6	17422.1	17442.5	17463.0	17483.4	17503.9	17524.3
390	17544.7	17565.2	17585.6	17606.0	17626.5	17646.9	17667.3	17687.7	17708.1	17728.5
400	17748.9	17769.3	17789.7	17810.1	17830.5	17850.9	17871.3	17891.6	17912.0	17932.4
410	17952.8	17973.1	17993.5	18013.8	18034.2	18054.5	18074.9	18095.2	18115.6	18135.9
420	18156.2	18176.6	18196.9	18217.2	18237.5	18257.8	18278.1	18298.4	18318.8	18339.0
430	18359.3	18379.6	18399.9	18420.2	18440.5	18460.8	18481.0	18501.3	18521.6	18541.8
440	18562.1	18582.4	18602.6	18622.9	18643.1	18663.4	18683.6	18703.8	18724.1	18744.3
450	18764.5	18784.7	18805.0	18825.2	18845.4	18865.6	18885.8	18906.0	18926.2	18946.4
460	18966.6	18986.7	19006.9	19027.1	19047.3	19067.5	19087.6	19107.8	19127.9	19148.1
470	19168.3	19188.4	19208.5	19228.7	19248.8	19269.0	19289.1	19309.2	19329.3	19349.5
480	19369.6	19389.7	19409.8	19429.9	19450.0	19470.1	19490.2	19510.3	19530.4	19550.5
490	19570.6	19590.6	19610.7	19630.8	19650.9	19670.9	19691.0	19711.0	19731.1	19751.1
500	19771.2	19791.2	19811.3	19831.3	19851.3	19871.4	19891.4	19911.4	19931.4	19951.4
510	19971.5	19991.5	20011.5	20031.5	20051.5	20071.5	20091.4	20111.4	20131.4	20151.4
520	20171.4	20191.3	20211.3	20231.3	20251.2	20271.2	20291.1	20311.1	20331.0	20351.0
530	20370.9	20390.9	20410.8	20430.7	20450.6	20470.6	20490.5	20510.4	20530.3	20550.2
540	20570.1	20590.0	20609.9	20629.8	20649.7	20669.6	20689.5	20709.3	20729.2	20749.1
550	20769.0	20788.8	20808.7	20828.5	20848.4	20868.2	20888.1	20907.9	20927.8	20947.6
560	20967.4	20987.3	21007.1	21026.9	21046.7	21066.5	21086.4	21106.2	21126.0	21145.8
570	21165.6	21185.4	21205.2	21224.9	21244.7	21264.5	21284.3	21304.0	21323.8	21343.6
580	21363.3	21383.1	21402.8	21422.6	21442.3	21462.1	21481.8	21501.6	21521.3	21541.0
590	21560.8	21580.5	21600.2	21619.9	21639.6	21659.3	21679.0	21698.7	21718.4	21738.1
600	21757.8	21777.5	21797.2	21816.9	21836.5	21856.2	21875.9	21895.5	21915.2	21934.9
610	21954.5	21974.2	21993.8	22013.5	22033.1	22052.7	22072.4	22092.0	22111.6	22131.2
620	22150.9	22170.5	22190.1	22209.7	22229.3	22248.9	22268.5	22288.1	22307.7	22327.3
630	22346.8	22366.4	22386.0	22405.6	22425.1	22444.7	22464.3	22483.8	22503.4	22522.9
640	22542.5	22562.0	22581.6	22601.1	22620.6	22640.2	22659.7	22679.2	22698.7	22718.2
650	22737.8	22757.3	22776.8	22796.3	22815.8	22835.3	22854.7	22874.2	22893.7	22913.2
660	22932.7	22952.1	22971.6	22991.1	23010.5	23030.0	23049.5	23068.9	23088.4	23107.8
670	23127.2	23146.7	23166.1	23185.5	23205.0	23224.4	23243.8	23263.2	23282.6	23302.0

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
680	23321.4	23340.8	23360.2	23379.6	23399.0	23418.4	23437.8	23457.2	23476.5	23495.9
690	23515.3	23534.7	23554.0	23573.4	23592.7	23612.1	23631.4	23650.8	23670.1	23689.4
700	23708.8	23728.1	23747.4	23766.8	23786.1	23805.4	23824.7	23844.0	23863.3	23882.6
710	23901.9	23921.2	23940.5	23959.8	23979.1	23998.4	24017.6	24036.9	24056.2	24075.4
720	24094.7	24114.0	24133.2	24152.5	24171.7	24191.0	24210.2	24229.4	24248.7	24267.9
730	24287.1	24306.3	24325.6	24344.8	24364.0	24383.2	24402.4	24421.6	24440.8	24460.0
740	24479.2	24498.4	24517.6	24536.7	24555.9	24575.1	24594.3	24613.4	24632.6	24651.7
750	24670.9	24690.1	24709.2	24728.3	24747.5	24766.6	24785.8	24804.9	24824.0	24843.1
760	24862.3	24881.4	24900.5	24919.6	24938.7	24957.8	24976.9	24996.0	25015.1	25034.2
770	25053.3	25072.3	25091.4	25110.5	25129.6	25148.6	25167.7	25186.7	25205.8	25224.8
780	25243.9	25262.9	25282.0	25301.0	25320.1	25339.1	25358.1	25377.1	25396.2	25415.2
790	25434.2	25453.2	25472.2	25491.2	25510.2	25529.2	25548.2	25567.2	25586.1	25605.1
800	25624.1	25643.1	25662.0	25681.0	25700.0	25718.9	25737.9	25756.8	25775.8	25794.7
810	25813.7	25832.6	25851.5	25870.5	25889.4	25908.3	25927.3	25946.2	25965.1	25984.0
820	26002.9	26021.8	26040.7	26059.6	26078.5	26097.4	26116.3	26135.1	26154.0	26172.9
830	26191.8	26210.6	26229.5	26248.3	26267.2	26286.0	26304.9	26323.7	26342.6	26361.4
840	26380.3	26399.1	26417.9	26436.7	26455.6	26474.4	26493.2	26512.0	26530.8	26549.6
850	26568.4	26587.2	26606.0	26624.8	26643.6	26662.3	26681.1	26699.9	26718.7	26737.4
860	26756.2	26774.9	26793.7	26812.5	26831.2	26850.0	26868.7	26887.4	26906.2	26924.9
870	26943.6	26962.3	26981.1	26999.8	27018.5	27037.2	27055.9	27074.6	27093.3	27112.0
880	27130.7	27149.4	27168.1	27186.8	27205.4	27224.1	27242.8	27261.4	27280.1	27298.8
890	27317.4	27336.1	27354.7	27373.4	27392.0	27410.6	27429.3	27447.9	27466.5	27485.2
900	27503.8	27522.4	27541.0	27559.6	27578.2	27596.8	27615.4	27634.0	27652.6	27671.2
910	27689.8	27708.4	27726.9	27745.5	27764.1	27782.7	27801.2	27819.8	27838.3	27856.9
920	27875.4	27894.0	27912.5	27931.1	27949.6	27968.1	27986.7	28005.2	28023.7	28042.2
930	28060.7	28079.2	28097.8	28116.3	28134.8	28153.2	28171.7	28190.2	28208.7	28227.2
940	28245.7	28264.1	28282.6	28301.1	28319.5	28338.0	28356.5	28374.9	28393.4	28411.8
950	28430.3	28448.7	28467.1	28485.6	28504.0	28522.4	28540.8	28559.2	28577.7	28596.1
960	28614.5	28632.9	28651.3	28669.7	28688.1	28706.5	28724.8	28743.2	28761.6	28780.0
970	28798.3	28816.7	28835.1	28853.4	28871.8	28890.1	28908.5	28926.8	28945.2	28963.5
980	28981.9	29000.2	29018.5	29036.8	29055.2	29073.5	29091.8	29110.1	29128.4	29146.7
990	29165.0	29183.3	29201.6	29219.9	29238.2	29256.5	29274.7	29293.0	29311.3	29329.5
1000	29347.8	29366.1	29384.3	29402.6	29420.8	29439.1	29457.3	29475.6	29493.8	29512.0
1010	29530.3	29548.5	29566.7	29584.9	29603.1	29621.3	29639.5	29657.7	29675.9	29694.1

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
1020	29712.3	29730.5	29748.7	29766.9	29785.1	29803.2	29821.4	29839.6	29857.8	29875.9
1030	29894.1	29912.2	29930.4	29948.5	29966.7	29984.8	30002.9	30021.1	30039.2	30057.3
1040	30075.4	30093.6	30111.7	30129.8	30147.9	30166.0	30184.1	30202.2	30220.3	30238.4
1050	30256.5	30274.5	30292.6	30310.7	30328.8	30346.8	30364.9	30383.0	30401.0	30419.1
1060	30437.1	30455.2	30473.2	30491.2	30509.3	30527.3	30545.3	30563.4	30581.4	30599.4
1070	30617.4	30635.4	30653.4	30671.4	30689.4	30707.4	30725.4	30743.4	30761.4	30779.4
1080	30797.4	30815.3	30833.3	30851.3	30869.2	30887.2	30905.2	30923.1	30941.1	30959.0
1090	30977.0	30994.9	31012.8	31030.8	31048.7	31066.6	31084.5	31102.5	31120.4	31138.3
1100	31156.2	31174.1	31192.0	31209.9	31227.8	31245.7	31263.6	31281.4	31299.3	31317.2
1110	31335.1	31352.9	31370.8							