

## RTD Temperature Vs. Resistance Table

NICKEL : NA    TCR = 0.00672

$R_0 = 120$

Values are in Ohms

Temp °F	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-110	67.3223	66.9612	66.6000							
-100	70.9346	70.5733	70.2120	69.8508	69.4895	69.1283	68.7671	68.4059	68.0447	67.6835
-90	74.5497	74.1880	73.8264	73.4648	73.1032	72.7417	72.3802	72.0188	71.6574	71.2960
-80	78.1700	77.8076	77.4454	77.0832	76.7211	76.3591	75.9971	75.6352	75.2733	74.9115
-70	81.7976	81.4345	81.0714	80.7084	80.3455	79.9827	79.6200	79.2574	78.8948	78.5324
-60	85.4356	85.0713	84.7071	84.3430	83.9790	83.6152	83.2514	82.8878	82.5243	82.1609
-50	89.0871	88.7212	88.3556	87.9900	87.6247	87.2595	86.8944	86.5295	86.1647	85.8001
-40	92.7552	92.3875	92.0201	91.6528	91.2857	90.9189	90.5521	90.1856	89.8193	89.4531
-30	96.4432	96.0734	95.7038	95.3345	94.9654	94.5965	94.2278	93.8594	93.4911	93.1231
-20	100.154	99.7820	99.4100	99.0383	98.6668	98.2956	97.9246	97.5539	97.1834	96.8132
-10	103.892	103.517	103.142	102.768	102.393	102.019	101.646	101.273	100.899	100.527
-0	107.662	107.283	106.905	106.527	106.150	105.773	105.396	105.019	104.643	104.268

Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	107.662	108.041	108.420	108.800	109.180	109.560	109.941	110.322	110.704	111.086
10	111.469	111.852	112.235	112.619	113.003	113.388	113.773	114.158	114.544	114.931
20	115.318	115.705	116.093	116.482	116.870	117.260	117.650	118.040	118.431	118.823
30	119.214	119.607	120.000	120.394	120.788	121.182	121.577	121.973	122.369	122.766
40	123.164	123.562	123.960	124.359	124.759	125.159	125.559	125.961	126.363	126.765
50	127.168	127.571	127.975	128.380	128.785	129.191	129.597	130.004	130.412	130.820
60	131.228	131.638	132.047	132.458	132.869	133.280	133.692	134.105	134.518	134.932
70	135.347	135.762	136.177	136.594	137.011	137.428	137.846	138.265	138.684	139.104
80	139.524	139.945	140.367	140.789	141.212	141.636	142.060	142.485	142.910	143.336
90	143.763	144.190	144.618	145.046	145.475	145.905	146.335	146.766	147.198	147.630
100	148.063	148.496	148.930	149.365	149.800	150.236	150.673	151.110	151.548	151.987
110	152.426	152.866	153.306	153.747	154.189	154.631	155.074	155.518	155.962	156.407
120	156.852	157.299	157.745	158.193	158.641	159.090	159.539	159.989	160.440	160.891
130	161.343	161.796	162.250	162.704	163.158	163.614	164.069	164.526	164.983	165.441
140	165.900	166.359	166.819	167.280	167.741	168.203	168.666	169.129	169.593	170.057
150	170.523	170.988	171.455	171.922	172.390	172.859	173.328	173.798	174.268	174.739
160	175.211	175.684	176.157	176.630	177.105	177.580	178.056	178.532	179.009	179.487
170	179.965	180.444	180.924	181.404	181.885	182.367	182.849	183.332	183.815	184.300
180	184.784	185.270	185.756	186.243	186.730	187.218	187.707	188.196	188.686	189.177

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Temp °F	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
190	189.668	190.160	190.653	191.146	191.639	192.134	192.629	193.125	193.621	194.118
200	194.616	195.114	195.613	196.113	196.613	197.114	197.616	198.118	198.621	199.125
210	199.629	200.134	200.640	201.146	201.653	202.160	202.669	203.177	203.687	204.197
220	204.708	205.220	205.732	206.245	206.759	207.273	207.788	208.303	208.820	209.337
230	209.854	210.373	210.892	211.411	211.932	212.453	212.974	213.497	214.020	214.544
240	215.068	215.593	216.119	216.646	217.173	217.701	218.230	218.759	219.290	219.821
250	220.352	220.884	221.417	221.951	222.485	223.020	223.555	224.092	224.629	225.166
260	225.705	226.244	226.784	227.324	227.865	228.407	228.950	229.493	230.037	230.582
270	231.127	231.673	232.220	232.768	233.316	233.865	234.414	234.965	235.516	236.067
280	236.620	237.173	237.727	238.281	238.836	239.392	239.949	240.506	241.064	241.623
290	242.182	242.742	243.303	243.865	244.427	244.990	245.554	246.118	246.683	247.249
300	247.815	248.382	248.950	249.519	250.088	250.658	251.228	251.800	252.372	252.945
310	253.518	254.093	254.668	255.244	255.820	256.397	256.975	257.554	258.134	258.714
320	259.295	259.877	260.460	261.044	261.628	262.213	262.799	263.386	263.973	264.561
330	265.151	265.741	266.331	266.923	267.515	268.109	268.703	269.298	269.894	270.490
340	271.088	271.686	272.286	272.886	273.487	274.089	274.692	275.296	275.900	276.506
350	277.112	277.719	278.328	278.937	279.547	280.158	280.770	281.383	281.997	282.611
360	283.227	283.844	284.462	285.080	285.700	286.320	286.942	287.564	288.188	288.812
370	289.437	290.064	290.691	291.320	291.949	292.579	293.211	293.843	294.477	295.111
380	295.747	296.383	297.021	297.660	298.299	298.940	299.582	300.225	300.868	301.513
390	302.159	302.806	303.455	304.104	304.754	305.406	306.058	306.712	307.366	308.022
400	308.679	309.337	309.996	310.657	311.318	311.980	312.644	313.309	313.975	314.642
410	315.309	315.979	316.649	317.321	317.994	318.668	319.343	320.019	320.696	321.375
420	322.055	322.736	323.418	324.101	324.786	325.471	326.158	326.846	327.535	328.226
430	328.917	329.610	330.304	330.999	331.695	332.392	333.091	333.791	334.492	335.194
440	335.897	336.602	337.308	338.015	338.723	339.432	340.143	340.854	341.567	342.281
450	342.997	343.713	344.431	345.150	345.870	346.592	347.314	348.038	348.763	349.490
460	350.217	350.946	351.676	352.407	353.140	353.874	354.608	355.344	356.082	356.820
470	357.560	358.301	359.043	359.786	360.531	361.277	362.024	362.772	363.521	364.272
480	365.024	365.777	366.531	367.286	368.043	368.801	369.560	370.320	371.081	371.844
490	372.608	373.373	374.139	374.906	375.674	376.444	377.215	377.987	378.760	379.534
500	380.310									