

RTD Temperature Vs. Resistance Table

NICKEL : NA TCR = 0.00672

$R_0 = 120$

Values are in Ohms

Temp °C	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-80	66.6000									
-70	73.1032	72.4525	71.8019	71.1514	70.5011	69.8508	69.2005	68.5503	67.9002	67.2501
-60	79.6200	78.9673	78.3149	77.6627	77.0108	76.3591	75.7075	75.0562	74.4051	73.7541
-50	86.1647	85.5085	84.8527	84.1974	83.5424	82.8878	82.2336	81.5797	80.9262	80.2729
-40	92.7552	92.0936	91.4326	90.7722	90.1123	89.4531	88.7944	88.1362	87.4786	86.8214
-30	99.4100	98.7411	98.0730	97.4057	96.7392	96.0734	95.4084	94.7440	94.0804	93.4175
-20	106.150	105.471	104.794	104.117	103.442	102.768	102.094	101.422	100.750	100.080
-10	113.003	112.312	111.622	110.933	110.246	109.560	108.876	108.192	107.510	106.829
-0	120.000	119.293	118.588	117.884	117.182	116.482	115.783	115.086	114.390	113.696

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	120.000	120.709	121.419	122.132	122.846	123.562	124.279	124.999	125.720	126.443
10	127.168	127.895	128.623	129.353	130.086	130.820	131.556	132.294	133.033	133.775
20	134.518	135.264	136.011	136.760	137.512	138.265	139.020	139.777	140.536	141.297
30	142.060	142.825	143.592	144.361	145.132	145.905	146.680	147.457	148.236	149.017
40	149.800	150.586	151.373	152.162	152.954	153.747	154.543	155.340	156.140	156.942
50	157.745	158.551	159.359	160.170	160.982	161.796	162.613	163.431	164.252	165.075
60	165.900	166.727	167.557	168.388	169.222	170.057	170.895	171.735	172.577	173.422
70	174.268	175.117	175.967	176.820	177.675	178.532	179.391	180.253	181.116	181.981
80	182.849	183.719	184.590	185.464	186.340	187.218	188.098	188.981	189.865	190.751
90	191.639	192.530	193.422	194.317	195.214	196.113	197.014	197.917	198.823	199.730
100	200.640	201.551	202.465	203.381	204.299	205.220	206.142	207.067	207.994	208.923
110	209.854	210.788	211.723	212.661	213.601	214.544	215.488	216.435	217.384	218.335
120	219.290	220.246	221.204	222.164	223.127	224.092	225.059	226.028	227.000	227.974
130	228.950	229.928	230.909	231.892	232.877	233.865	234.855	235.847	236.841	237.838
140	238.836	239.837	240.841	241.847	242.855	243.865	244.877	245.892	246.909	247.928
150	248.950	249.974	251.000	252.029	253.059	254.093	255.128	256.166	257.207	258.250
160	259.295	260.343	261.394	262.447	263.503	264.561	265.622	266.686	267.753	268.822
170	269.894	270.968	272.046	273.126	274.209	275.296	276.385	277.476	278.571	279.669
180	280.770	281.874	282.981	284.091	285.204	286.320	287.440	288.562	289.688	290.817
190	291.949	293.085	294.223	295.365	296.511	297.660	298.812	299.967	301.126	302.289
200	303.455	304.624	305.797	306.973	308.153	309.337	310.524	311.715	312.910	314.108
210	315.309	316.515	317.724	318.937	320.154	321.375	322.600	323.828	325.060	326.296

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
220	327.535	328.779	330.026	331.277	332.532	333.791	335.053	336.320	337.590	338.864
230	340.143	341.425	342.711	344.000	345.294	346.592	347.893	349.199	350.508	351.822
240	353.140	354.461	355.787	357.116	358.449	359.786	361.128	362.473	363.821	365.174
250	366.531	367.892	369.256	370.624	371.997	373.373	374.752	376.136	377.524	378.915
260	380.310									