

RTD RESISTANCE VS. TEMPERATURE TABLE

RO = 100

ALPHA = 0.003902

A = 0.003960522

DELTA = 1.4998

B = -5.85222E-07

BETA = 0.1086

C = -4.23757E-12

DEG.C	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	17.432									
-190	21.795	21.360	20.925	20.489	20.054	19.618	19.181	18.744	18.307	17.870
-180	26.123	25.691	25.260	24.828	24.395	23.963	23.530	23.096	22.663	22.229
-170	30.418	29.990	29.561	29.132	28.703	28.274	27.844	27.414	26.984	26.553
-160	34.682	34.257	33.832	33.406	32.980	32.554	32.127	31.700	31.273	30.846
-150	38.918	38.496	38.073	37.650	37.227	36.804	36.380	35.956	35.532	35.107
-140	43.127	42.707	42.287	41.867	41.446	41.025	40.604	40.183	39.762	39.340
-130	47.310	46.893	46.475	46.058	45.640	45.221	44.803	44.384	43.965	43.546
-120	51.470	51.055	50.640	50.224	49.809	49.393	48.977	48.560	48.144	47.727
-110	55.608	55.195	54.782	54.369	53.955	53.541	53.128	52.714	52.299	51.885
-100	59.725	59.314	58.903	58.492	58.080	57.669	57.257	56.845	56.433	56.020
-90	63.823	63.414	63.005	62.595	62.186	61.776	61.366	60.956	60.546	60.135
-80	67.902	67.495	67.088	66.680	66.272	65.865	65.457	65.048	64.640	64.231
-70	71.965	71.559	71.154	70.748	70.342	69.936	69.529	69.123	68.716	68.309
-60	76.012	75.608	75.203	74.799	74.395	73.990	73.585	73.181	72.775	72.370
-50	80.043	79.641	79.238	78.835	78.432	78.029	77.626	77.223	76.819	76.415
-40	84.060	83.659	83.258	82.857	82.455	82.054	81.652	81.250	80.848	80.446
-30	88.064	87.664	87.265	86.865	86.464	86.064	85.664	85.263	84.862	84.461
-20	92.055	91.657	91.258	90.859	90.460	90.061	89.662	89.263	88.863	88.464
-10	96.034	95.636	95.239	94.841	94.444	94.046	93.648	93.250	92.852	92.454
0	100.000	99.604	99.208	98.811	98.415	98.018	97.622	97.225	96.828	96.431

DEG.C	0	1	2	3	4	5	6	7	8	9
0	100.000	100.396	100.792	101.188	101.583	101.979	102.374	102.769	103.165	103.560
10	103.955	104.349	104.744	105.139	105.533	105.928	106.322	106.716	107.110	107.504
20	107.898	108.291	108.685	109.078	109.472	109.865	110.258	110.651	111.044	111.436
30	111.829	112.221	112.614	113.006	113.398	113.790	114.182	114.574	114.965	115.357
40	115.748	116.140	116.531	116.922	117.313	117.704	118.095	118.485	118.876	119.266
50	119.656	120.046	120.436	120.826	121.216	121.606	121.995	122.385	122.774	123.163
60	123.552	123.941	124.330	124.719	125.108	125.496	125.885	126.273	126.661	127.049
70	127.437	127.825	128.212	128.600	128.987	129.375	129.762	130.149	130.536	130.923
80	131.310	131.696	132.083	132.469	132.855	133.242	133.628	134.014	134.399	134.785
90	135.171	135.556	135.941	136.327	136.712	137.097	137.482	137.866	138.251	138.636
100	139.020	139.404	139.788	140.173	140.556	140.940	141.324	141.708	142.091	142.474
110	142.858	143.241	143.624	144.007	144.389	144.772	145.155	145.537	145.919	146.301
120	146.684	147.065	147.447	147.829	148.211	148.592	148.973	149.355	149.736	150.117
130	150.498	150.879	151.259	151.640	152.020	152.400	152.781	153.161	153.541	153.921
140	154.300	154.680	155.059	155.439	155.818	156.197	156.576	156.955	157.334	157.713
150	158.091	158.470	158.848	159.226	159.604	159.982	160.360	160.738	161.115	161.493
160	161.870	162.247	162.625	163.002	163.379	163.755	164.132	164.509	164.885	165.261
170	165.638	166.014	166.390	166.766	167.141	167.517	167.892	168.268	168.643	169.018
180	169.393	169.768	170.143	170.518	170.892	171.267	171.641	172.015	172.389	172.763
190	173.137	173.511	173.885	174.258	174.632	175.005	175.378	175.751	176.124	176.497
200	176.870	177.242	177.615	177.987	178.359	178.731	179.103	179.475	179.847	180.219

RTD RESISTANCE VS. TEMPERATURE TABLE

RO = 100

ALPHA = 0.003902

A = 0.003960522

DELTA = 1.4998

B = -5.85222E-07

BETA = 0.1086

C = -4.23757E-12

DEG.C	0	1	2	3	4	5	6	7	8	9
210	180.590	180.962	181.333	181.704	182.075	182.446	182.817	183.188	183.558	183.929
220	184.299	184.669	185.039	185.409	185.779	186.149	186.519	186.888	187.258	187.627
230	187.996	188.365	188.734	189.103	189.472	189.840	190.209	190.577	190.945	191.314
240	191.682	192.050	192.417	192.785	193.153	193.520	193.887	194.255	194.622	194.989
250	195.355	195.722	196.089	196.455	196.822	197.188	197.554	197.920	198.286	198.652
260	199.017	199.383	199.748	200.114	200.479	200.844	201.209	201.574	201.939	202.303
270	202.668	203.032	203.396	203.761	204.125	204.489	204.852	205.216	205.580	205.943
280	206.306	206.670	207.033	207.396	207.759	208.121	208.484	208.847	209.209	209.571
290	209.933	210.295	210.657	211.019	211.381	211.743	212.104	212.465	212.827	213.188
300	213.549	213.910	214.270	214.631	214.991	215.352	215.712	216.072	216.432	216.792
310	217.152	217.512	217.872	218.231	218.590	218.950	219.309	219.668	220.027	220.385
320	220.744	221.103	221.461	221.819	222.177	222.536	222.894	223.251	223.609	223.967
330	224.324	224.682	225.039	225.396	225.753	226.110	226.467	226.823	227.180	227.536
340	227.893	228.249	228.605	228.961	229.317	229.672	230.028	230.384	230.739	231.094
350	231.449	231.804	232.159	232.514	232.869	233.223	233.578	233.932	234.286	234.640
360	234.994	235.348	235.702	236.056	236.409	236.762	237.116	237.469	237.822	238.175
370	238.528	238.880	239.233	239.585	239.938	240.290	240.642	240.994	241.346	241.698
380	242.049	242.401	242.752	243.103	243.455	243.806	244.157	244.507	244.858	245.209
390	245.559	245.909	246.260	246.610	246.960	247.310	247.659	248.009	248.359	248.708
400	249.057	249.407	249.756	250.105	250.453	250.802	251.151	251.499	251.847	252.196
410	252.544	252.892	253.240	253.587	253.935	254.283	254.630	254.977	255.325	255.672

DEG.C	0	1	2	3	4	5	6	7	8	9
420	256.019	256.365	256.712	257.059	257.405	257.752	258.098	258.444	258.790	259.136
430	259.482	259.827	260.173	260.518	260.864	261.209	261.554	261.899	262.244	262.588
440	262.933	263.278	263.622	263.966	264.310	264.654	264.998	265.342	265.686	266.029
450	266.373	266.716	267.059	267.402	267.745	268.088	268.431	268.774	269.116	269.458
460	269.801	270.143	270.485	270.827	271.169	271.510	271.852	272.193	272.535	272.876
470	273.217	273.558	273.899	274.240	274.580	274.921	275.261	275.601	275.942	276.282
480	276.622	276.961	277.301	277.641	277.980	278.319	278.659	278.998	279.337	279.676
490	280.014	280.353	280.692	281.030	281.368	281.706	282.045	282.382	282.720	283.058
500	283.396	283.733	284.070	284.408	284.745	285.082	285.419	285.755	286.092	286.429
510	286.765	287.101	287.437	287.774	288.110	288.445	288.781	289.117	289.452	289.788
520	290.123	290.458	290.793	291.128	291.463	291.797	292.132	292.466	292.801	293.135
530	293.469	293.803	294.137	294.470	294.804	295.137	295.471	295.804	296.137	296.470
540	296.803	297.136	297.469	297.801	298.134	298.466	298.798	299.130	299.462	299.794
550	300.126	300.457	300.789	301.120	301.452	301.783	302.114	302.445	302.775	303.106
560	303.437	303.767	304.097	304.428	304.758	305.088	305.418	305.747	306.077	306.407
570	306.736	307.065	307.394	307.723	308.052	308.381	308.710	309.038	309.367	309.695
580	310.023	310.352	310.680	311.007	311.335	311.663	311.990	312.318	312.645	312.972
590	313.299	313.626	313.953	314.280	314.606	314.933	315.259	315.585	315.911	316.237
600	316.563	316.889	317.215	317.540	317.866	318.191	318.516	318.841	319.166	319.491
610	319.816	320.140	320.465	320.789	321.113	321.438	321.762	322.085	322.409	322.733
620	323.056	323.380	323.703	324.026	324.349	324.672	324.995	325.318	325.641	325.963

RTD RESISTANCE VS. TEMPERATURE TABLE

RO = 100

ALPHA = 0.00385055

A = 0.003908301

DELTA = 1.4998

B = -5.77505E-07

BETA = 0.1086

C = -4.1817E-12

DEG.C	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-200	18.520									
-190	22.826	22.397	21.967	21.538	21.108	20.677	20.247	19.816	19.384	18.953
-180	27.097	26.671	26.245	25.819	25.392	24.965	24.538	24.111	23.683	23.254
-170	31.335	30.913	30.490	30.067	29.644	29.220	28.796	28.371	27.947	27.522
-160	35.543	35.124	34.704	34.284	33.864	33.443	33.022	32.601	32.179	31.757
-150	39.723	39.307	38.889	38.472	38.055	37.637	37.219	36.800	36.382	35.963
-140	43.876	43.462	43.048	42.633	42.218	41.803	41.388	40.972	40.556	40.140
-130	48.005	47.593	47.181	46.769	46.356	45.944	45.531	45.118	44.704	44.290
-120	52.110	51.700	51.291	50.881	50.471	50.060	49.650	49.239	48.828	48.416
-110	56.193	55.786	55.378	54.970	54.562	54.154	53.746	53.337	52.928	52.519
-100	60.256	59.850	59.445	59.039	58.633	58.227	57.821	57.414	57.007	56.600
-90	64.300	63.896	63.492	63.088	62.684	62.280	61.876	61.471	61.066	60.661
-80	68.325	67.924	67.522	67.120	66.717	66.315	65.912	65.509	65.106	64.703
-70	72.335	71.934	71.534	71.134	70.733	70.332	69.931	69.530	69.129	68.727
-60	76.328	75.929	75.530	75.131	74.732	74.333	73.934	73.534	73.134	72.735
-50	80.306	79.909	79.512	79.114	78.717	78.319	77.921	77.523	77.125	76.726
-40	84.271	83.875	83.479	83.083	82.687	82.290	81.894	81.497	81.100	80.703
-30	88.222	87.827	87.432	87.038	86.643	86.248	85.853	85.457	85.062	84.666
-20	92.160	91.767	91.373	90.980	90.586	90.192	89.798	89.404	89.010	88.616
-10	96.086	95.694	95.302	94.909	94.517	94.124	93.732	93.339	92.946	92.553
0	100.000	99.609	99.218	98.827	98.436	98.044	97.653	97.261	96.870	96.478

DEG.C	0	1	2	3	4	5	6	7	8	9
0	100.000	100.391	100.781	101.172	101.562	101.953	102.343	102.733	103.123	103.513
10	103.903	104.292	104.682	105.071	105.460	105.849	106.238	106.627	107.016	107.405
20	107.794	108.182	108.570	108.959	109.347	109.735	110.123	110.510	110.898	111.286
30	111.673	112.060	112.447	112.835	113.221	113.608	113.995	114.382	114.768	115.155
40	115.541	115.927	116.313	116.699	117.085	117.470	117.856	118.241	118.627	119.012
50	119.397	119.782	120.167	120.552	120.936	121.321	121.705	122.090	122.474	122.858
60	123.242	123.626	124.009	124.393	124.777	125.160	125.543	125.926	126.309	126.692
70	127.075	127.458	127.840	128.223	128.605	128.987	129.370	129.752	130.133	130.515
80	130.897	131.278	131.660	132.041	132.422	132.803	133.184	133.565	133.946	134.326
90	134.707	135.087	135.468	135.848	136.228	136.608	136.987	137.367	137.747	138.126
100	138.506	138.885	139.264	139.643	140.022	140.400	140.779	141.158	141.536	141.914
110	142.293	142.671	143.049	143.426	143.804	144.182	144.559	144.937	145.314	145.691
120	146.068	146.445	146.822	147.198	147.575	147.951	148.328	148.704	149.080	149.456
130	149.832	150.208	150.583	150.959	151.334	151.710	152.085	152.460	152.835	153.210
140	153.584	153.959	154.333	154.708	155.082	155.456	155.830	156.204	156.578	156.952
150	157.325	157.699	158.072	158.445	158.818	159.191	159.564	159.937	160.309	160.682
160	161.054	161.427	161.799	162.171	162.543	162.915	163.286	163.658	164.029	164.401
170	164.772	165.143	165.514	165.885	166.256	166.627	166.997	167.368	167.738	168.108
180	168.478	168.848	169.218	169.588	169.958	170.327	170.696	171.066	171.435	171.804
190	172.173	172.542	172.910	173.279	173.648	174.016	174.384	174.752	175.120	175.488
200	175.856	176.224	176.591	176.959	177.326	177.693	178.060	178.427	178.794	179.161

RTD RESISTANCE VS. TEMPERATURE TABLE

RO = 100

ALPHA = 0.00385055

A = 0.003908301

DELTA = 1.4998

B = -5.77505E-07

BETA = 0.1086

C = -4.1817E-12

DEG.C	0	1	2	3	4	5	6	7	8	9
210	179.528	179.894	180.260	180.627	180.993	181.359	181.725	182.091	182.456	182.822
220	183.187	183.553	183.918	184.283	184.648	185.013	185.378	185.743	186.107	186.472
230	186.836	187.200	187.564	187.928	188.292	188.656	189.019	189.383	189.746	190.110
240	190.473	190.836	191.199	191.562	191.924	192.287	192.649	193.012	193.374	193.736
250	194.098	194.460	194.822	195.183	195.545	195.906	196.268	196.629	196.990	197.351
260	197.712	198.073	198.433	198.794	199.154	199.514	199.875	200.235	200.595	200.954
270	201.314	201.674	202.033	202.393	202.752	203.111	203.470	203.829	204.188	204.546
280	204.905	205.263	205.622	205.980	206.338	206.696	207.054	207.411	207.769	208.127
290	208.484	208.841	209.198	209.555	209.912	210.269	210.626	210.982	211.339	211.695
300	212.051	212.408	212.764	213.119	213.475	213.831	214.186	214.542	214.897	215.252
310	215.607	215.962	216.317	216.672	217.027	217.381	217.736	218.090	218.444	218.798
320	219.152	219.506	219.859	220.213	220.567	220.920	221.273	221.626	221.979	222.332
330	222.685	223.038	223.390	223.743	224.095	224.447	224.799	225.151	225.503	225.855
340	226.206	226.558	226.909	227.260	227.612	227.963	228.314	228.664	229.015	229.366
350	229.716	230.066	230.417	230.767	231.117	231.467	231.816	232.166	232.516	232.865
360	233.214	233.564	233.913	234.262	234.610	234.959	235.308	235.656	236.005	236.353
370	236.701	237.049	237.397	237.745	238.093	238.440	238.788	239.135	239.482	239.829
380	240.176	240.523	240.870	241.217	241.563	241.909	242.256	242.602	242.948	243.294
390	243.640	243.986	244.331	244.677	245.022	245.367	245.712	246.058	246.402	246.747
400	247.092	247.437	247.781	248.125	248.470	248.814	249.158	249.502	249.845	250.189
410	250.532	250.876	251.219	251.562	251.905	252.248	252.591	252.934	253.277	253.619

DEG.C	0	1	2	3	4	5	6	7	8	9
420	253.961	254.304	254.646	254.988	255.330	255.672	256.013	256.355	256.696	257.038
430	257.379	257.720	258.061	258.402	258.743	259.083	259.424	259.764	260.104	260.445
440	260.785	261.125	261.465	261.804	262.144	262.483	262.823	263.162	263.501	263.840
450	264.179	264.518	264.857	265.195	265.534	265.872	266.210	266.548	266.886	267.224
460	267.562	267.899	268.237	268.574	268.912	269.249	269.586	269.923	270.260	270.596
470	270.933	271.270	271.606	271.942	272.278	272.614	272.950	273.286	273.622	273.957
480	274.293	274.628	274.963	275.298	275.633	275.968	276.303	276.638	276.972	277.307
490	277.641	277.975	278.309	278.643	278.977	279.311	279.644	279.978	280.311	280.644
500	280.977	281.310	281.643	281.976	282.309	282.641	282.974	283.306	283.638	283.970
510	284.302	284.634	284.966	285.298	285.629	285.961	286.292	286.623	286.954	287.285
520	287.616	287.947	288.277	288.608	288.938	289.268	289.598	289.928	290.258	290.588
530	290.918	291.247	291.577	291.906	292.235	292.564	292.893	293.222	293.551	293.880
540	294.208	294.537	294.865	295.193	295.521	295.849	296.177	296.505	296.832	297.160
550	297.487	297.814	298.141	298.468	298.795	299.122	299.449	299.775	300.102	300.428
560	300.754	301.080	301.406	301.732	302.058	302.384	302.709	303.034	303.360	303.685
570	304.010	304.335	304.660	304.984	305.309	305.634	305.958	306.282	306.606	306.930
580	307.254	307.578	307.902	308.225	308.549	308.872	309.195	309.518	309.841	310.164
590	310.487	310.809	311.132	311.454	311.777	312.099	312.421	312.743	313.065	313.386
600	313.708	314.029	314.351	314.672	314.993	315.314	315.635	315.956	316.276	316.597
610	316.917	317.238	317.558	317.878	318.198	318.518	318.838	319.157	319.477	319.796
620	320.115	320.434	320.754	321.072	321.391	321.710	322.029	322.347	322.665	322.984

