



HIGH TEMPERATURE 100 OHM (385) RTD CHART

T (°F)	T (°C)	R Ohms	T (°F)	T (°C)	R Ohms	T (°F)	T (°C)	R Ohms	T (°F)	T (°C)	R Ohms
-40	-40.00	84.27	9	-12.78	95.00	58	14.44	105.63	107	41.67	116.18
-39	-39.44	84.49	10	-12.22	95.22	59	15.00	105.85	108	42.22	116.40
-38	-38.89	84.71	11	-11.67	95.43	60	15.56	106.06	109	42.78	116.61
-37	-38.33	84.93	12	-11.11	95.65	61	16.11	106.28	110	43.33	116.83
-36	-37.78	85.15	13	-10.56	95.87	62	16.67	106.50	111	43.89	117.04
-35	-37.22	85.37	14	-10.00	96.09	63	17.22	106.71	112	44.44	117.25
-34	-36.67	85.59	15	-9.44	96.30	64	17.78	106.93	113	45.00	117.47
-33	-36.11	85.81	16	-8.89	96.52	65	18.33	107.14	114	45.56	117.68
-32	-35.56	86.03	17	-8.33	96.74	66	18.89	107.36	115	46.11	117.90
-31	-35.00	86.25	18	-7.78	96.96	67	19.44	107.58	116	46.67	118.11
-30	-34.44	86.47	19	-7.22	97.17	68	20.00	107.79	117	47.22	118.32
-29	-33.89	86.69	20	-6.67	97.39	69	20.56	108.01	118	47.78	118.54
-28	-33.33	86.91	21	-6.11	97.61	70	21.11	108.22	119	48.33	118.75
-27	-32.78	87.13	22	-5.56	97.83	71	21.67	108.44	120	48.89	118.97
-26	-32.22	87.35	23	-5.00	98.04	72	22.22	108.66	121	49.44	119.18
-25	-31.67	87.57	24	-4.44	98.26	73	22.78	108.87	122	50.00	119.39
-24	-31.11	87.79	25	-3.89	98.48	74	23.33	109.09	123	50.56	119.61
-23	-30.56	88.00	26	-3.33	98.70	75	23.89	109.30	124	51.11	119.82
-22	-30.00	88.22	27	-2.78	98.91	76	24.44	109.52	125	51.67	120.04
-21	-29.44	88.44	28	-2.22	99.13	77	25.00	109.73	126	52.22	120.25
-20	-28.89	88.66	29	-1.67	99.35	78	25.56	109.95	127	52.78	120.46
-19	-28.33	88.88	30	-1.11	99.57	79	26.11	110.16	128	53.33	120.68
-18	-27.78	89.10	31	-0.56	99.78	80	26.67	110.38	129	53.89	120.89
-17	-27.22	89.32	32	0.00	100.00	81	27.22	110.59	130	54.44	121.10
-16	-26.67	89.54	33	0.56	100.22	82	27.78	110.81	131	55.00	121.32
-15	-26.11	89.76	34	1.11	100.43	83	28.33	111.03	132	55.56	121.53
-14	-25.56	89.97	35	1.67	100.65	84	28.89	111.24	133	56.11	121.74
-13	-25.00	90.19	36	2.22	100.87	85	29.44	111.46	134	56.67	121.96
-12	-24.44	90.41	37	2.78	101.09	86	30.00	111.67	135	57.22	122.17
-11	-23.89	90.63	38	3.33	101.30	87	30.56	111.89	136	57.78	122.39
-10	-23.33	90.85	39	3.89	101.52	88	31.11	112.10	137	58.33	122.60
-9	-22.78	91.07	40	4.44	101.74	89	31.67	112.32	138	58.89	122.81
-8	-22.22	91.29	41	5.00	101.95	90	32.22	112.53	139	59.44	123.03
-7	-21.67	91.51	42	5.56	102.17	91	32.78	112.75	140	60.00	123.24
-6	-21.11	91.72	43	6.11	102.39	92	33.33	112.96	141	60.56	123.45
-5	-20.56	91.94	44	6.67	102.60	93	33.89	113.18	142	61.11	123.67
-4	-20.00	92.16	45	7.22	102.82	94	34.44	113.39	143	61.67	123.88
-3	-19.44	92.38	46	7.78	103.04	95	35.00	113.61	144	62.22	124.09
-2	-18.89	92.60	47	8.33	103.25	96	35.56	113.82	145	62.78	124.30
-1	-18.33	92.82	48	8.89	103.47	97	36.11	114.04	146	63.33	124.52
0	-17.78	93.03	49	9.44	103.69	98	36.67	114.25	147	63.89	124.73
1	-17.22	93.25	50	10.00	103.90	99	37.22	114.47	148	64.44	124.94
2	-16.67	93.47	51	10.56	104.12	100	37.78	114.68	149	65.00	125.16
3	-16.11	93.69	52	11.11	104.33	101	38.33	114.89	150	65.56	125.37
4	-15.56	93.91	53	11.67	104.55	102	38.89	115.11	151	66.11	125.58
5	-15.00	94.13	54	12.22	104.77	103	39.44	115.32	152	66.67	125.79
6	-14.44	94.34	55	12.78	104.98	104	40.00	115.54	153	67.22	126.01
7	-13.89	94.56	56	13.33	105.20	105	40.56	115.75	154	67.78	126.22
8	-13.33	94.78	57	13.89	105.42	106	41.11	115.97	155	68.33	126.43



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156	68.89	126.65	205	96.11	137.02	254	123.33	147.32	303	150.56	157.52
157	69.44	126.86	206	96.67	137.24	255	123.89	147.53	304	151.11	157.73
158	70.00	127.07	207	97.22	137.45	256	124.44	147.74	305	151.67	157.94
159	70.56	127.28	208	97.78	137.66	257	125.00	147.94	306	152.22	158.15
160	71.11	127.50	209	98.33	137.87	258	125.56	148.15	307	152.78	158.35
161	71.67	127.71	210	98.89	138.08	259	126.11	148.36	308	153.33	158.56
162	72.22	127.92	211	99.44	138.29	260	126.67	148.57	309	153.89	158.77
163	72.78	128.13	212	100.00	138.50	261	127.22	148.78	310	154.44	158.98
164	73.33	128.35	213	100.56	138.71	262	127.78	148.99	311	155.00	159.18
165	73.89	128.56	214	101.11	138.92	263	128.33	149.20	312	155.56	159.39
166	74.44	128.77	215	101.67	139.13	264	128.89	149.41	313	156.11	159.60
167	75.00	128.98	216	102.22	139.34	265	129.44	149.62	314	156.67	159.80
168	75.56	129.20	217	102.78	139.55	266	130.00	149.82	315	157.22	160.01
169	76.11	129.41	218	103.33	139.76	267	130.56	150.03	316	157.78	160.22
170	76.67	129.62	219	103.89	139.97	268	131.11	150.24	317	158.33	160.42
171	77.22	129.83	220	104.44	140.18	269	131.67	150.45	318	158.89	160.63
172	77.78	130.04	221	105.00	140.39	270	132.22	150.66	319	159.44	160.84
173	78.33	130.26	222	105.56	140.61	271	132.78	150.87	320	160.00	161.05
174	78.89	130.47	223	106.11	140.82	272	133.33	151.08	321	160.56	161.25
175	79.44	130.68	224	106.67	141.03	273	133.89	151.29	322	161.11	161.46
176	80.00	130.89	225	107.22	141.24	274	134.44	151.49	323	161.67	161.67
177	80.56	131.10	226	107.78	141.45	275	135.00	151.70	324	162.22	161.87
178	81.11	131.32	227	108.33	141.66	276	135.56	151.91	325	162.78	162.08
179	81.67	131.53	228	108.89	141.87	277	136.11	152.12	326	163.33	162.29
180	82.22	131.74	229	109.44	142.08	278	136.67	152.33	327	163.89	162.49
181	82.78	131.95	230	110.00	142.29	279	137.22	152.54	328	164.44	162.70
182	83.33	132.16	231	110.56	142.50	280	137.78	152.74	329	165.00	162.91
183	83.89	132.38	232	111.11	142.71	281	138.33	152.95	330	165.56	163.11
184	84.44	132.59	233	111.67	142.92	282	138.89	153.16	331	166.11	163.32
185	85.00	132.80	234	112.22	143.13	283	139.44	153.37	332	166.67	163.53
186	85.56	133.01	235	112.78	143.34	284	140.00	153.58	333	167.22	163.73
187	86.11	133.22	236	113.33	143.55	285	140.56	153.78	334	167.78	163.94
188	86.67	133.43	237	113.89	143.76	286	141.11	153.99	335	168.33	164.14
189	87.22	133.64	238	114.44	143.97	287	141.67	154.20	336	168.89	164.35
190	87.78	133.86	239	115.00	144.18	288	142.22	154.41	337	169.44	164.56
191	88.33	134.07	240	115.56	144.39	289	142.78	154.62	338	170.00	164.76
192	88.89	134.28	241	116.11	144.59	290	143.33	154.82	339	170.56	164.97
193	89.44	134.49	242	116.67	144.80	291	143.89	155.03	340	171.11	165.18
194	90.00	134.70	243	117.22	145.01	292	144.44	155.24	341	171.67	165.38
195	90.56	134.91	244	117.78	145.22	293	145.00	155.45	342	172.22	165.59
196	91.11	135.12	245	118.33	145.43	294	145.56	155.66	343	172.78	165.79
197	91.67	135.34	246	118.89	145.64	295	146.11	155.86	344	173.33	166.00
198	92.22	135.55	247	119.44	145.85	296	146.67	156.07	345	173.89	166.21
199	92.78	135.76	248	120.00	146.06	297	147.22	156.28	346	174.44	166.41
200	93.33	135.97	249	120.56	146.27	298	147.78	156.49	347	175.00	166.62
201	93.89	136.18	250	121.11	146.48	299	148.33	156.69	348	175.56	166.82
202	94.44	136.39	251	121.67	146.69	300	148.89	156.90	349	176.11	167.03
203	95.00	136.60	252	122.22	146.90	301	149.44	157.11	350	176.67	167.23
204	95.56	136.81	253	122.78	147.11	302	150.00	157.32	351	177.22	167.44



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352	177.78	167.65	401	205.00	177.68	450	232.22	187.63	499	259.44	197.50
353	178.33	167.85	402	205.56	177.89	451	232.78	187.83	500	260.00	197.70
354	178.89	168.06	403	206.11	178.09	452	233.33	188.04	501	260.56	197.90
355	179.44	168.26	404	206.67	178.29	453	233.89	188.24	502	261.11	198.10
356	180.00	168.47	405	207.22	178.50	454	234.44	188.44	503	261.67	198.30
357	180.56	168.67	406	207.78	178.70	455	235.00	188.64	504	262.22	198.50
358	181.11	168.88	407	208.33	178.91	456	235.56	188.85	505	262.78	198.70
359	181.67	169.08	408	208.89	179.11	457	236.11	189.05	506	263.33	198.90
360	182.22	169.29	409	209.44	179.31	458	236.67	189.25	507	263.89	199.10
361	182.78	169.50	410	210.00	179.52	459	237.22	189.45	508	264.44	199.30
362	183.33	169.70	411	210.56	179.72	460	237.78	189.65	509	265.00	199.50
363	183.89	169.91	412	211.11	179.92	461	238.33	189.85	510	265.56	199.70
364	184.44	170.11	413	211.67	180.13	462	238.89	190.06	511	266.11	199.90
365	185.00	170.32	414	212.22	180.33	463	239.44	190.26	512	266.67	200.10
366	185.56	170.52	415	212.78	180.53	464	240.00	190.46	513	267.22	200.30
367	186.11	170.73	416	213.33	180.74	465	240.56	190.66	514	267.78	200.50
368	186.67	170.93	417	213.89	180.94	466	241.11	190.86	515	268.33	200.70
369	187.22	171.14	418	214.44	181.14	467	241.67	191.06	516	268.89	200.90
370	187.78	171.34	419	215.00	181.35	468	242.22	191.27	517	269.44	201.10
371	188.33	171.55	420	215.56	181.55	469	242.78	191.47	518	270.00	201.30
372	188.89	171.75	421	216.11	181.75	470	243.33	191.67	519	270.56	201.50
373	189.44	171.96	422	216.67	181.96	471	243.89	191.87	520	271.11	201.70
374	190.00	172.16	423	217.22	182.16	472	244.44	192.07	521	271.67	201.90
375	190.56	172.37	424	217.78	182.36	473	245.00	192.27	522	272.22	202.10
376	191.11	172.57	425	218.33	182.57	474	245.56	192.47	523	272.78	202.30
377	191.67	172.78	426	218.89	182.77	475	246.11	192.68	524	273.33	202.50
378	192.22	172.98	427	219.44	182.97	476	246.67	192.88	525	273.89	202.70
379	192.78	173.19	428	220.00	183.18	477	247.22	193.08	526	274.44	202.90
380	193.33	173.39	429	220.56	183.38	478	247.78	193.28	527	275.00	203.10
381	193.89	173.60	430	221.11	183.58	479	248.33	193.48	528	275.56	203.30
382	194.44	173.80	431	221.67	183.78	480	248.89	193.68	529	276.11	203.49
383	195.00	174.01	432	222.22	183.99	481	249.44	193.88	530	276.67	203.69
384	195.56	174.21	433	222.78	184.19	482	250.00	194.08	531	277.22	203.89
385	196.11	174.41	434	223.33	184.39	483	250.56	194.29	532	277.78	204.09
386	196.67	174.62	435	223.89	184.60	484	251.11	194.49	533	278.33	204.29
387	197.22	174.82	436	224.44	184.80	485	251.67	194.69	534	278.89	204.49
388	197.78	175.03	437	225.00	185.00	486	252.22	194.89	535	279.44	204.69
389	198.33	175.23	438	225.56	185.20	487	252.78	195.09	536	280.00	204.89
390	198.89	175.44	439	226.11	185.41	488	253.33	195.29	537	280.56	205.09
391	199.44	175.64	440	226.67	185.61	489	253.89	195.49	538	281.11	205.29
392	200.00	175.85	441	227.22	185.81	490	254.44	195.69	539	281.67	205.49
393	200.56	176.05	442	227.78	186.01	491	255.00	195.89	540	282.22	205.69
394	201.11	176.25	443	228.33	186.22	492	255.56	196.09	541	282.78	205.88
395	201.67	176.46	444	228.89	186.42	493	256.11	196.29	542	283.33	206.08
396	202.22	176.66	445	229.44	186.62	494	256.67	196.49	543	283.89	206.28
397	202.78	176.87	446	230.00	186.82	495	257.22	196.70	544	284.44	206.48
398	203.33	177.07	447	230.56	187.03	496	257.78	196.90	545	285.00	206.68
399	203.89	177.27	448	231.11	187.23	497	258.33	197.10	546	285.56	206.88
400	204.44	177.48	449	231.67	187.43	498	258.89	197.30	547	286.11	207.08



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548	286.67	207.28	597	313.89	216.97	646	341.11	226.58	695	368.33	236.10
549	287.22	207.48	598	314.44	217.17	647	341.67	226.77	696	368.89	236.29
550	287.78	207.67	599	315.00	217.36	648	342.22	226.97	697	369.44	236.49
551	288.33	207.87	600	315.56	217.56	649	342.78	227.16	698	370.00	236.68
552	288.89	208.07	601	316.11	217.76	650	343.33	227.36	699	370.56	236.87
553	289.44	208.27	602	316.67	217.95	651	343.89	227.55	700	371.11	237.07
554	290.00	208.47	603	317.22	218.15	652	344.44	227.75	701	371.67	237.26
555	290.56	208.67	604	317.78	218.35	653	345.00	227.94	702	372.22	237.45
556	291.11	208.87	605	318.33	218.54	654	345.56	228.14	703	372.78	237.65
557	291.67	209.06	606	318.89	218.74	655	346.11	228.33	704	373.33	237.84
558	292.22	209.26	607	319.44	218.94	656	346.67	228.53	705	373.89	238.03
559	292.78	209.46	608	320.00	219.13	657	347.22	228.72	706	374.44	238.23
560	293.33	209.66	609	320.56	219.33	658	347.78	228.92	707	375.00	238.42
561	293.89	209.86	610	321.11	219.53	659	348.33	229.11	708	375.56	238.61
562	294.44	210.05	611	321.67	219.72	660	348.89	229.31	709	376.11	238.81
563	295.00	210.25	612	322.22	219.92	661	349.44	229.50	710	376.67	239.00
564	295.56	210.45	613	322.78	220.12	662	350.00	229.70	711	377.22	239.19
565	296.11	210.65	614	323.33	220.31	663	350.56	229.89	712	377.78	239.38
566	296.67	210.85	615	323.89	220.51	664	351.11	230.09	713	378.33	239.58
567	297.22	211.05	616	324.44	220.71	665	351.67	230.28	714	378.89	239.77
568	297.78	211.24	617	325.00	220.90	666	352.22	230.48	715	379.44	239.96
569	298.33	211.44	618	325.56	221.10	667	352.78	230.67	716	380.00	240.16
570	298.89	211.64	619	326.11	221.29	668	353.33	230.86	717	380.56	240.35
571	299.44	211.84	620	326.67	221.49	669	353.89	231.06	718	381.11	240.54
572	300.00	212.04	621	327.22	221.69	670	354.44	231.25	719	381.67	240.73
573	300.56	212.23	622	327.78	221.88	671	355.00	231.45	720	382.22	240.93
574	301.11	212.43	623	328.33	222.08	672	355.56	231.64	721	382.78	241.12
575	301.67	212.63	624	328.89	222.28	673	356.11	231.84	722	383.33	241.31
576	302.22	212.83	625	329.44	222.47	674	356.67	232.03	723	383.89	241.50
577	302.78	213.02	626	330.00	222.67	675	357.22	232.22	724	384.44	241.70
578	303.33	213.22	627	330.56	222.86	676	357.78	232.42	725	385.00	241.89
579	303.89	213.42	628	331.11	223.06	677	358.33	232.61	726	385.56	242.08
580	304.44	213.62	629	331.67	223.25	678	358.89	232.81	727	386.11	242.27
581	305.00	213.81	630	332.22	223.45	679	359.44	233.00	728	386.67	242.47
582	305.56	214.01	631	332.78	223.65	680	360.00	233.19	729	387.22	242.66
583	306.11	214.21	632	333.33	223.84	681	360.56	233.39	730	387.78	242.85
584	306.67	214.41	633	333.89	224.04	682	361.11	233.58	731	388.33	243.04
585	307.22	214.60	634	334.44	224.23	683	361.67	233.78	732	388.89	243.23
586	307.78	214.80	635	335.00	224.43	684	362.22	233.97	733	389.44	243.43
587	308.33	215.00	636	335.56	224.62	685	362.78	234.16	734	390.00	243.62
588	308.89	215.20	637	336.11	224.82	686	363.33	234.36	735	390.56	243.81
589	309.44	215.39	638	336.67	225.02	687	363.89	234.55	736	391.11	244.00
590	310.00	215.59	639	337.22	225.21	688	364.44	234.75	737	391.67	244.19
591	310.56	215.79	640	337.78	225.41	689	365.00	234.94	738	392.22	244.39
592	311.11	215.99	641	338.33	225.60	690	365.56	235.13	739	392.78	244.58
593	311.67	216.18	642	338.89	225.80	691	366.11	235.33	740	393.33	244.77
594	312.22	216.38	643	339.44	225.99	692	366.67	235.52	741	393.89	244.96
595	312.78	216.58	644	340.00	226.19	693	367.22	235.71	742	394.44	245.15
596	313.33	216.77	645	340.56	226.38	694	367.78	235.91	743	395.00	245.35