

°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm
-220	-364	10,410	-165	-265	33,380	-110	-166	56,130	-55	-67	78,270
-219	-362	10,790	-164	-263	33,800	-109	-164	56,538	-54	-65	78,666
-218	-360	11,170	-163	-261	34,220	-108	-162	56,946	-53	-63	79,062
-217	-359	11,560	-162	-260	34,640	-107	-161	57,354	-52	-62	79,458
-216	-357	11,950	-161	-258	35,060	-106	-159	57,762	-51	-60	79,854
-215	-355	12,350	-160	-256	35,480	-105	-157	58,170	-50	-58	80,250
-214	-353	12,750	-159	-254	35,898	-104	-155	58,576	-49	-56	80,646
-213	-351	13,150	-158	-252	36,315	-103	-153	58,982	-48	-54	81,042
-212	-350	13,550	-157	-251	36,734	-102	-152	59,388	-47	-53	81,438
-211	-348	13,950	-156	-249	37,152	-101	-150	59,794	-46	-51	81,834
-210	-346	14,360	-155	-247	37,570	-100	-148	60,200	-45	-49	82,230
-209	-344	14,770	-154	-245	37,986	-99	-146	60,606	-44	-47	82,626
-208	-342	15,180	-153	-243	38,402	-98	-144	61,012	-43	-45	83,022
-207	-341	15,590	-152	-242	38,818	-97	-143	61,418	-42	-44	83,418
-206	-339	16,010	-151	-240	39,234	-96	-141	61,824	-41	-42	83,814
-205	-337	16,430	-150	-238	39,650	-95	-139	62,230	-40	-40	84,210
-204	-335	16,850	-149	-236	40,066	-94	-137	62,634	-39	-38	84,606
-203	-333	17,270	-148	-234	40,482	-93	-135	63,038	-38	-36	85,002
-202	-332	17,690	-147	-233	40,888	-92	-134	63,442	-37	-35	85,398
-201	-330	18,110	-146	-231	41,314	-91	-132	63,846	-36	-33	85,794
-200	-328	18,530	-145	-229	41,730	-90	-130	64,250	-35	-31	86,198
-199	-326	18,954	-144	-227	42,144	-89	-128	64,654	-34	-29	86,586
-198	-324	19,378	-143	-225	42,558	-88	-126	65,058	-33	-27	86,982
-197	-323	19,802	-142	-224	42,972	-87	-125	65,462	-32	-26	87,378
-196	-321	20,226	-141	-222	43,386	-86	-123	65,866	-31	-24	87,774
-195	-319	20,650	-140	-220	43,800	-85	-121	66,270	-30	-22	88,170
-194	-317	21,076	-139	-218	44,214	-84	-119	66,672	-29	-20	88,566
-193	-315	21,502	-138	-216	44,628	-83	-117	67,074	-28	-18	88,962
-192	-314	21,928	-137	-215	45,042	-82	-116	67,475	-27	-17	89,358
-191	-312	22,354	-136	-213	45,456	-81	-114	67,878	-26	-15	89,754
-190	-310	22,780	-135	-211	45,870	-80	-112	68,280	-25	-13	90,150
-189	-308	23,208	-134	-209	46,282	-79	-110	68,682	-24	-11	90,546
-188	-306	23,636	-133	-207	46,694	-78	-108	69,084	-23	-9	90,942
-187	-305	24,064	-132	-206	47,106	-77	-107	69,486	-22	-8	91,338
-186	-303	24,492	-131	-204	47,518	-76	-105	69,888	-21	-6	91,734
-185	-301	24,920	-130	-202	47,930	-75	-103	70,290	-20	-4	92,130
-184	-299	25,346	-129	-200	48,342	-74	-101	70,690	-19	-2	92,524
-183	-297	25,772	-128	-198	48,754	-73	-99	71,090	-18	0	92,918
-182	-296	26,198	-127	-197	49,166	-72	-98	71,490	-17	1	93,312
-181	-294	26,624	-126	-195	49,578	-71	-96	71,890	-16	3	93,706
-180	-292	27,050	-125	-193	49,990	-70	-94	72,290	-15	5	94,100
-179	-290	27,474	-124	-191	50,400	-69	-92	72,690	-14	7	94,494
-178	-288	27,898	-123	-189	50,810	-68	-90	73,090	-13	9	94,888
-177	-287	28,522	-122	-188	51,220	-67	-89	73,490	-12	10	95,282
-176	-285	28,746	-121	-186	51,630	-66	-87	73,890	-11	12	95,676
-175	-283	29,170	-120	-184	52,040	-65	-85	74,290	-10	14	96,070
-174	-281	29,592	-119	-182	52,450	-64	-83	74,688	-9	16	96,464
-173	-279	30,014	-118	-180	52,860	-63	-81	75,086	-8	18	96,858
-172	-278	30,436	-117	-179	53,270	-62	-80	75,484	-7	19	97,252
-171	-276	30,858	-116	-177	53,680	-61	-78	75,882	-6	21	97,646
-170	-274	31,280	-115	-175	54,090	-60	-76	76,280	-5	23	98,040
-169	-272	31,700	-114	-173	54,498	-59	-74	76,678	-4	25	98,432
-168	-270	32,120	-113	-171	54,906	-58	-72	77,076	-3	27	98,824
-167	-269	32,540	-112	-170	55,314	-57	-71	77,474	-2	28	99,216
-166	-267	32,960	-111	-168	55,722	-56	-69	77,872	-1	30	99,608

°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm
0	32	100,000	55	131	121,320	110	230	142,290	165	329	162,920
1	34	100,390	56	133	121,704	111	232	142,668	166	331	163,292
2	36	100,780	57	135	122,088	112	234	143,046	167	333	163,664
3	37	101,170	58	136	122,472	113	235	143,424	168	334	164,036
4	39	101,560	59	138	122,856	114	237	143,802	169	336	164,408
5	41	101,950	60	140	123,240	115	239	144,180	170	338	164,780
6	43	102,340	61	142	123,624	116	241	144,558	171	340	165,150
7	45	102,730	62	144	124,008	117	243	144,936	172	342	165,520
8	46	103,120	63	145	124,392	118	244	145,314	173	343	165,890
9	48	103,510	64	147	124,775	119	246	145,692	174	345	166,260
10	50	103,900	65	149	125,160	120	248	146,070	175	347	166,630
11	52	104,290	66	151	125,544	121	250	146,446	176	349	167,000
12	54	104,680	67	153	125,928	122	252	146,822	177	351	167,370
13	55	105,070	68	154	126,312	123	253	147,198	178	352	167,740
14	57	105,460	69	156	126,696	124	255	147,574	179	354	168,110
15	59	105,850	70	158	127,080	125	257	147,950	180	356	168,480
16	61	106,240	71	160	127,464	126	259	148,326	181	358	168,850
17	63	106,630	72	162	127,848	127	261	148,702	182	360	169,220
18	64	107,025	73	163	128,232	128	262	149,078	183	361	169,590
19	66	107,410	74	165	128,616	129	264	149,454	184	363	169,960
20	68	107,800	75	167	129,000	130	266	149,830	185	365	170,330
21	70	108,188	76	169	129,382	131	268	150,206	186	367	170,700
22	72	108,576	77	171	129,764	132	270	150,582	187	369	171,070
23	73	108,964	78	172	130,146	133	271	150,958	188	370	171,446
24	75	109,352	79	174	130,528	134	273	151,334	189	372	171,810
25	77	109,740	80	176	130,910	135	275	151,710	190	374	172,180
26	79	110,128	81	178	131,290	136	277	152,086	191	376	172,548
27	81	110,516	82	180	131,670	137	279	152,462	192	378	172,916
28	82	110,904	83	181	132,050	138	280	152,838	193	379	173,284
29	84	111,292	84	183	132,430	139	282	153,214	194	381	173,652
30	86	111,680	85	185	132,810	140	284	153,590	195	383	174,020
31	88	112,066	86	187	133,188	141	286	153,964	196	385	174,388
32	90	112,452	87	189	133,566	142	288	154,338	197	387	174,756
33	91	112,838	88	190	133,944	143	289	154,712	198	388	175,124
34	93	113,224	89	192	134,322	144	291	155,086	199	390	175,492
35	95	113,610	90	194	134,700	145	293	155,460	200	392	175,860
36	97	113,996	91	196	135,080	146	295	155,834	201	394	176,228
37	99	114,382	92	198	135,460	147	297	156,208	202	396	176,596
38	100	114,768	93	199	135,840	148	298	156,582	203	397	176,964
39	102	115,154	94	201	136,220	149	300	156,956	204	399	177,332
40	104	115,540	95	203	136,600	150	302	157,330	205	401	177,700
41	106	115,926	96	205	136,980	151	304	157,704	206	403	178,068
42	108	116,312	97	207	137,360	152	306	158,078	207	405	178,436
43	109	116,698	98	208	137,740	153	307	158,452	208	406	178,804
44	111	117,084	99	210	138,120	154	309	158,826	209	408	179,172
45	113	117,470	100	212	138,500	155	311	159,200	210	410	179,540
46	115	117,856	101	214	138,880	156	313	159,574	211	412	179,908
47	117	118,242	102	216	139,260	157	315	159,948	212	414	180,276
48	118	118,628	103	217	139,640	158	316	160,322	213	415	180,644
49	120	119,014	104	219	140,020	159	318	160,696	214	417	181,012
50	122	119,400	105	221	140,400	160	320	161,070	215	419	181,380
51	124	119,784	106	223	140,778	161	322	161,444	216	421	181,748
52	126	120,168	107	225	141,156	162	324	161,818	217	423	182,116
53	127	120,552	108	226	141,534	163	325	162,192	218	424	182,484
54	129	120,936	109	228	141,912	164	327	162,566	219	426	182,852

°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm
220	428	183,200	275	527	203,150	330	626	222,680	385	725	241,880
221	430	183,566	276	529	203,508	331	628	223,032	386	727	242,226
222	432	183,932	277	531	203,866	332	630	223,384	387	729	242,572
223	433	184,298	278	532	204,224	333	631	223,736	388	730	242,918
224	435	184,664	279	534	204,582	334	633	224,088	389	732	243,264
225	437	185,030	280	536	204,940	335	635	224,440	390	734	243,610
226	439	185,394	281	538	205,298	336	637	224,792	391	736	243,956
227	441	185,758	282	540	205,656	337	639	225,144	392	738	244,302
228	442	186,122	283	541	206,014	338	640	225,496	393	739	244,648
229	444	186,486	284	543	206,372	339	642	225,848	394	741	244,994
230	446	186,850	285	545	206,730	340	644	226,200	395	743	245,340
231	448	187,214	286	547	207,088	341	646	226,550	396	745	245,686
232	450	187,578	287	549	207,446	342	648	226,900	397	747	246,032
233	451	187,942	288	550	207,804	343	649	227,250	398	748	246,378
234	453	188,306	289	552	208,162	344	651	227,600	399	750	246,724
235	455	188,670	290	554	208,520	345	653	227,950	400	752	247,070
236	457	189,034	291	556	208,876	346	655	228,300	401	754	247,414
237	459	189,398	292	558	209,232	347	657	228,650	402	756	247,758
238	460	189,762	293	559	209,588	348	658	229,000	403	757	248,102
239	462	190,126	294	561	209,944	349	660	229,350	404	759	248,446
240	464	190,490	295	563	210,300	350	662	229,700	405	761	248,790
241	466	190,854	296	565	210,656	351	664	230,050	406	763	249,134
242	468	191,218	297	567	211,012	352	666	230,400	407	765	249,478
243	469	191,582	298	568	211,368	353	667	230,750	408	766	249,822
244	471	191,946	299	570	211,724	354	669	231,100	409	768	250,166
245	473	192,310	300	572	212,080	355	671	231,450	410	770	250,510
246	475	192,674	301	574	212,434	356	673	231,798	411	772	250,854
247	477	193,038	302	576	212,788	357	675	232,146	412	774	251,198
248	478	193,402	303	577	213,142	358	676	232,494	413	775	251,542
249	480	193,766	304	579	213,496	359	678	232,842	414	777	251,886
250	482	194,130	305	581	213,850	360	680	233,190	415	779	252,230
251	484	194,492	306	583	214,204	361	682	233,538	416	781	252,574
252	486	194,854	307	585	214,558	362	684	233,886	417	783	252,918
253	487	195,216	308	586	214,912	363	685	234,234	418	784	253,262
254	489	195,578	309	588	215,266	364	687	234,582	419	786	253,606
255	491	195,940	310	590	215,620	365	689	234,930	420	788	253,950
256	493	196,302	311	592	215,974	366	691	235,278	421	790	254,292
257	495	196,664	312	594	216,328	367	693	235,626	422	792	254,634
258	496	197,026	313	595	216,682	368	694	235,974	423	793	254,976
259	498	197,388	314	597	217,038	369	696	236,322	424	795	255,318
260	500	197,750	315	599	217,390	370	698	236,670	425	797	255,660
261	502	198,110	316	601	217,744	371	700	237,018	426	799	256,002
262	504	198,470	317	603	218,098	372	702	237,366	427	801	256,344
263	505	198,830	318	604	218,452	373	703	237,714	428	802	256,686
264	507	199,190	319	606	218,806	374	705	238,062	429	804	257,028
265	509	199,550	320	608	219,160	375	707	238,410	430	806	257,370
266	511	199,910	321	610	219,512	376	709	238,758	431	808	257,712
267	513	200,270	322	612	219,864	377	711	239,106	432	810	258,054
268	514	200,630	323	613	220,216	378	712	239,454	433	811	258,396
269	516	200,990	324	615	220,568	379	714	239,802	434	813	258,738
270	518	201,350	325	617	220,920	380	716	240,150	435	815	259,080
271	520	201,710	326	619	221,272	381	718	240,496	436	817	259,422
272	522	202,070	327	621	221,624	382	720	240,842	437	819	259,764
273	523	202,430	328	622	221,976	383	721	241,188	438	820	260,106
274	525	202,790	329	624	222,328	384	723	241,534	439	822	260,448

°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm	°C	°F	Ohm
440	824	260,790	495	923	279,290	550	1022	297,300			
441	826	261,130	496	925	279,620						
442	828	261,470	497	927	279,950						
443	829	261,810	498	928	280,280						
444	831	262,150	499	930	280,610						
445	833	262,490	500	932	280,940						
446	835	262,830	501	934	281,270						
447	837	263,170	502	936	281,600						
448	838	263,510	503	937	281,930						
449	840	263,850	504	939	282,260						
450	842	264,190	505	941	282,590						
451	844	264,528	506	943	282,918						
452	846	264,866	507	945	283,246						
453	847	265,204	508	946	283,574						
454	849	265,542	509	948	283,902						
455	851	265,880	510	950	284,230						
456	853	266,218	511	952	284,558						
457	855	266,556	512	954	284,886						
458	856	266,894	513	955	285,214						
459	858	267,232	514	957	285,542						
460	860	267,570	515	959	285,870						
461	862	267,908	516	961	186,193						
462	864	268,246	517	963	286,526						
463	865	268,584	518	964	286,854						
464	867	268,922	519	966	287,182						
465	869	269,260	520	968	287,510						
466	871	269,598	521	970	287,838						
467	873	269,936	522	972	288,166						
468	874	270,274	523	973	288,494						
469	876	270,612	524	975	288,822						
470	878	270,950	525	977	289,150						
471	880	271,285	526	979	289,478						
472	882	271,622	527	981	289,806						
473	883	271,958	528	982	290,134						
474	885	272,294	529	984	290,462						
475	887	272,630	530	986	290,790						
476	889	272,966	531	988	291,118						
477	891	273,302	532	990	291,446						
478	892	273,638	533	991	291,774						
479	894	273,974	534	993	292,102						
480	896	274,310	535	995	292,430						
481	898	274,644	536	997	292,756						
482	900	274,973	537	999	293,082						
483	901	275,312	538	1000	293,408						
484	903	275,646	539	1002	293,734						
485	905	275,980	540	1004	294,060						
486	907	276,312	541	1006	294,384						
487	909	276,644	542	1008	294,708						
488	910	276,976	543	1009	295,032						
489	912	277,308	544	1011	295,356						
490	914	277,640	545	1013	295,680						
491	916	277,970	546	1015	296,004						
492	918	278,300	547	1017	296,328						
493	919	278,630	548	1018	296,652						
494	921	278,960	549	1020	296,976						