

TABLE 40 100 Ω Platinum RTD — 0.003 90 coefficient
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
-320	19.41	19.17	18.93	18.69	18.44	18.20	17.96	17.71	17.47			-320
-310	21.83	21.59	21.35	21.11	20.87	20.62	20.38	20.14	19.90	19.66	19.41	-310
-300	24.24	24.00	23.76	23.52	23.28	23.04	22.80	22.56	22.31	22.07	21.83	-300
-290	26.64	26.40	26.16	25.92	25.68	25.44	25.20	24.96	24.72	24.48	24.24	-290
-280	29.03	28.79	28.55	28.31	28.07	27.83	27.59	27.36	27.12	26.88	26.64	-280
-270	31.40	31.17	30.93	30.69	30.45	30.22	29.98	29.74	29.50	29.26	29.03	-270
-260	33.77	33.53	33.30	33.06	32.83	32.59	32.35	32.11	31.88	31.64	31.40	-260
-250	36.13	35.90	35.66	35.42	35.19	34.95	34.72	34.48	34.24	34.01	33.77	-250
-240	38.48	38.25	38.01	37.78	37.54	37.31	37.07	36.84	36.60	36.37	36.13	-240
-230	40.82	40.59	40.36	40.12	39.89	39.65	39.42	39.18	38.95	38.72	38.48	-230
-220	43.16	42.92	42.69	42.46	42.22	41.99	41.76	41.52	41.29	41.06	40.82	-220
-210	45.48	45.25	45.02	44.79	44.55	44.32	44.09	43.86	43.62	43.39	43.16	-210
-200	47.80	47.57	47.34	47.11	46.88	46.64	46.41	46.18	45.95	45.72	45.48	-200
-190	50.11	49.88	49.65	49.42	49.19	48.96	48.73	48.50	48.26	48.03	47.80	-190
-180	52.42	52.19	51.96	51.73	51.50	51.27	51.04	50.81	50.57	50.34	50.11	-180
-170	54.72	54.49	54.26	54.03	53.80	53.57	53.34	53.11	52.88	52.65	52.42	-170
-160	57.01	56.78	56.55	56.32	56.09	55.86	55.63	55.40	55.17	54.94	54.72	-160
-150	59.29	59.06	58.83	58.61	58.38	58.15	57.92	57.69	57.46	57.24	57.01	-150
-140	61.57	61.34	61.11	60.89	60.66	60.43	60.20	59.98	59.75	59.52	59.29	-140
-130	63.84	63.62	63.39	63.16	62.93	62.71	62.48	62.25	62.03	61.80	61.57	-130
-120	66.11	65.88	65.66	65.43	65.20	64.98	64.75	64.52	64.30	64.07	63.84	-120
-110	68.37	68.15	67.92	67.69	67.47	67.24	67.02	66.79	66.56	66.34	66.11	-110
-100	70.63	70.40	70.18	69.95	69.73	69.50	69.28	69.05	68.82	68.60	68.37	-100
-90	72.88	72.66	72.43	72.21	71.98	71.76	71.53	71.31	71.08	70.85	70.63	-90
-80	75.13	74.90	74.68	74.45	74.23	74.00	73.78	73.56	73.33	73.11	72.88	-80
-70	77.37	77.15	76.92	76.70	76.47	76.25	76.03	75.80	75.58	75.35	75.13	-70
-60	79.61	79.38	79.16	78.94	78.71	78.49	78.27	78.04	77.82	77.59	77.37	-60
-50	81.84	81.62	81.39	81.17	80.95	80.72	80.50	80.28	80.05	79.83	79.61	-50
-40	84.07	83.85	83.62	83.40	83.18	82.96	82.73	82.51	82.29	82.06	81.84	-40
-30	86.29	86.07	85.85	85.63	85.40	85.18	84.96	84.74	84.51	84.29	84.07	-30
-20	88.51	88.29	88.07	87.85	87.63	87.40	87.18	86.96	86.74	86.52	86.29	-20
-10	90.73	90.51	90.29	90.07	89.85	89.62	89.40	89.18	88.96	88.74	88.51	-10
0	92.94	92.72	92.50	92.28	92.06	91.84	91.62	91.40	91.17	90.95	90.73	0
0	92.94	93.17	93.39	93.61	93.83	94.05	94.27	94.49	94.71	94.93	95.15	0
10	95.15	95.37	95.59	95.82	96.04	96.26	96.48	96.70	96.92	97.14	97.36	10
20	97.36	97.58	97.80	98.02	98.24	98.46	98.68	98.90	99.12	99.34	99.56	20
30	99.56	99.78	100.00	100.22	100.44	100.66	100.88	101.10	101.32	101.54	101.76	30
40	101.76	101.98	102.20	102.42	102.64	102.86	103.08	103.29	103.51	103.73	103.95	40
50	103.95	104.17	104.39	104.61	104.83	105.05	105.27	105.49	105.71	105.92	106.14	50
60	106.14	106.36	106.58	106.80	107.02	107.24	107.46	107.67	107.89	108.11	108.33	60
70	108.33	108.55	108.77	108.99	109.20	109.42	109.64	109.86	110.08	110.30	110.51	70
80	110.51	110.73	110.95	111.17	111.39	111.60	111.82	112.04	112.26	112.48	112.69	80
90	112.69	112.91	113.13	113.35	113.57	113.78	114.00	114.22	114.44	114.65	114.87	90
100	114.87	115.09	115.31	115.52	115.74	115.96	116.17	116.39	116.61	116.83	117.04	100
110	117.04	117.26	117.48	117.69	117.91	118.13	118.35	118.56	118.78	119.00	119.21	110
120	119.21	119.43	119.65	119.86	120.08	120.30	120.51	120.73	120.95	121.16	121.38	120
130	121.38	121.59	121.81	122.03	122.24	122.46	122.68	122.89	123.11	123.32	123.54	130
140	123.54	123.76	123.97	124.19	124.40	124.62	124.84	125.05	125.27	125.48	125.70	140

°F 0 1 2 3 4 5 6 7 8 9 10 °F

TABLE 40 100 Ω Platinum RTD — 0.003 90 coefficient
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
150	125.70	125.91	126.13	126.35	126.56	126.78	126.99	127.21	127.42	127.64	127.85	150
160	127.85	128.07	128.28	128.50	128.71	128.93	129.14	129.36	129.57	129.79	130.00	160
170	130.00	130.22	130.43	130.65	130.86	131.08	131.29	131.51	131.72	131.94	132.15	170
180	132.15	132.37	132.58	132.80	133.01	133.22	133.44	133.65	133.87	134.08	134.30	180
190	134.30	134.51	134.72	134.94	135.15	135.37	135.58	135.79	136.01	136.22	136.44	190
200	136.44	136.65	136.86	137.08	137.29	137.51	137.72	137.93	138.15	138.36	138.57	200
210	138.57	138.79	139.00	139.21	139.43	139.64	139.85	140.07	140.28	140.49	140.71	210
220	140.71	140.92	141.13	141.35	141.56	141.77	141.98	142.20	142.41	142.62	142.84	220
230	142.84	143.05	143.26	143.47	143.69	143.90	144.11	144.32	144.54	144.75	144.96	230
240	144.96	145.17	145.39	145.60	145.81	146.02	146.24	146.45	146.66	146.87	147.08	240
250	147.08	147.30	147.51	147.72	147.93	148.14	148.36	148.57	148.78	148.99	149.20	250
260	149.20	149.41	149.63	149.84	150.05	150.26	150.47	150.68	150.90	151.11	151.32	260
270	151.32	151.53	151.74	151.95	152.16	152.37	152.59	152.80	153.01	153.22	153.43	270
280	153.43	153.64	153.85	154.06	154.27	154.48	154.69	154.91	155.12	155.33	155.54	280
290	155.54	155.75	155.96	156.17	156.38	156.59	156.80	157.01	157.22	157.43	157.64	290
300	157.64	157.85	158.06	158.27	158.48	158.69	158.90	159.11	159.32	159.53	159.74	300
310	159.74	159.95	160.16	160.37	160.58	160.79	161.00	161.21	161.42	161.63	161.84	310
320	161.84	162.05	162.26	162.47	162.68	162.89	163.10	163.31	163.52	163.72	163.93	320
330	163.93	164.14	164.35	164.56	164.77	164.98	165.19	165.40	165.61	165.81	166.02	330
340	166.02	166.23	166.44	166.65	166.86	167.07	167.28	167.48	167.69	167.90	168.11	340
350	168.11	168.32	168.53	168.74	168.94	169.15	169.36	169.57	169.78	169.98	170.19	350
360	170.19	170.40	170.61	170.82	171.02	171.23	171.44	171.65	171.86	172.06	172.27	360
370	172.27	172.48	172.69	172.89	173.10	173.31	173.52	173.73	173.93	174.14	174.35	370
380	174.35	174.55	174.76	174.97	175.18	175.38	175.59	175.80	176.01	176.21	176.42	380
390	176.42	176.63	176.83	177.04	177.25	177.45	177.66	177.87	178.07	178.28	178.49	390
400	178.49	178.69	178.90	179.11	179.31	179.52	179.73	179.93	180.14	180.35	180.55	400
410	180.55	180.76	180.96	181.17	181.38	181.58	181.79	182.00	182.20	182.41	182.61	410
420	182.61	182.82	183.03	183.23	183.44	183.64	183.85	184.05	184.26	184.47	184.67	420
430	184.67	184.88	185.08	185.29	185.49	185.70	185.90	186.11	186.31	186.52	186.73	430
440	186.73	186.93	187.14	187.34	187.55	187.75	187.96	188.16	188.37	188.57	188.78	440
450	188.78	188.98	189.18	189.39	189.59	189.80	190.00	190.21	190.41	190.62	190.82	450
460	190.82	191.03	191.23	191.44	191.64	191.84	192.05	192.25	192.46	192.66	192.87	460
470	192.87	193.07	193.27	193.48	193.68	193.89	194.09	194.29	194.50	194.70	194.90	470
480	194.90	195.11	195.31	195.52	195.72	195.92	196.13	196.33	196.53	196.74	196.94	480
490	196.94	197.14	197.35	197.55	197.75	197.96	198.16	198.36	198.57	198.77	198.97	490
500	198.97	199.18	199.38	199.58	199.79	199.99	200.19	200.39	200.60	200.80	201.00	500
510	201.00	201.20	201.41	201.61	201.81	202.01	202.22	202.42	202.62	202.82	203.03	510
520	203.03	203.23	203.43	203.63	203.84	204.04	204.24	204.44	204.64	204.85	205.05	520
530	205.05	205.25	205.45	205.65	205.86	206.06	206.26	206.46	206.66	206.86	207.07	530
540	207.07	207.27	207.47	207.67	207.87	208.07	208.28	208.48	208.68	208.88	209.08	540
550	209.08	209.28	209.48	209.68	209.89	210.09	210.29	210.49	210.69	210.89	211.09	550
560	211.09	211.29	211.49	211.69	211.89	212.10	212.30	212.50	212.70	212.90	213.10	560
570	213.10	213.30	213.50	213.70	213.90	214.10	214.30	214.50	214.70	214.90	215.10	570
580	215.10	215.30	215.50	215.70	215.90	216.10	216.30	216.50	216.70	216.90	217.10	580
590	217.10	217.30	217.50	217.70	217.90	218.10	218.30	218.50	218.70	218.90	219.10	590
600	219.10	219.30	219.50	219.70	219.90	220.10	220.29	220.49	220.69	220.89	221.09	600
610	221.09	221.29	221.49	221.69	221.89	222.09	222.29	222.48	222.68	222.88	223.08	610
620	223.08	223.28	223.48	223.68	223.87	224.07	224.27	224.47	224.67	224.87	225.07	620
630	225.07	225.26	225.46	225.66	225.86	226.06	226.26	226.45	226.65	226.85	227.05	630
640	227.05	227.25	227.44	227.64	227.84	228.04	228.24	228.43	228.63	228.83	229.03	640

°F	0	1	2	3	4	5	6	7	8	9	10	°F
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TABLE 40 100 Ω Platinum RTD — 0.003 90 coefficient
temperature in °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
650	229.03	229.22	229.42	229.62	229.82	230.01	230.21	230.41	230.61	230.80	231.00	650
660	231.00	231.20	231.40	231.59	231.79	231.99	232.18	232.38	232.58	232.77	232.97	660
670	232.97	233.17	233.37	233.56	233.76	233.96	234.15	234.35	234.55	234.74	234.94	670
680	234.94	235.14	235.33	235.53	235.73	235.92	236.12	236.31	236.51	236.71	236.90	680
690	236.90	237.10	237.30	237.49	237.69	237.88	238.08	238.28	238.47	238.67	238.86	690
700	238.86	239.06	239.26	239.45	239.65	239.84	240.04	240.23	240.43	240.62	240.82	700
710	240.82	241.02	241.21	241.41	241.60	241.80	241.99	242.19	242.38	242.58	242.77	710
720	242.77	242.97	243.16	243.36	243.55	243.75	243.94	244.14	244.33	244.53	244.72	720
730	244.72	244.92	245.11	245.31	245.50	245.70	245.89	246.09	246.28	246.47	246.67	730
740	246.67	246.86	247.06	247.25	247.45	247.64	247.83	248.03	248.22	248.42	248.61	740
750	248.61	248.81	249.00	249.19	249.39	249.58	249.77	249.97	250.16	250.36	250.55	750
760	250.55	250.74	250.94	251.13	251.32	251.52	251.71	251.90	252.10	252.29	252.49	760
770	252.49	252.68	252.87	253.06	253.26	253.45	253.64	253.84	254.03	254.22	254.42	770
780	254.42	254.61	254.80	255.00	255.19	255.38	255.57	255.77	255.96	256.15	256.34	780
790	256.34	256.54	256.73	256.92	257.11	257.31	257.50	257.69	257.88	258.08	258.27	790
800	258.27	258.46	258.65	258.85	259.04	259.23	259.42	259.61	259.81	260.00	260.19	800
810	260.19	260.38	260.57	260.76	260.96	261.15	261.34	261.53	261.72	261.92	262.11	810
820	262.11	262.30	262.49	262.68	262.87	263.06	263.26	263.45	263.64	263.83	264.02	820
830	264.02	264.21	264.40	264.59	264.78	264.98	265.17	265.36	265.55	265.74	265.93	830
840	265.93	266.12	266.31	266.50	266.69	266.88	267.07	267.26	267.46	267.65	267.84	840
850	267.84	268.03	268.22	268.41	268.60	268.79	268.98	269.17	269.36	269.55	269.74	850
860	269.74	269.93	270.12	270.31	270.50	270.69	270.88	271.07	271.26	271.45	271.64	860
870	271.64	271.83	272.02	272.21	272.40	272.59	272.78	272.97	273.15	273.34	273.53	870
880	273.53	273.72	273.91	274.10	274.29	274.48	274.67	274.86	275.05	275.24	275.43	880
890	275.43	275.61	275.80	275.99	276.18	276.37	276.56	276.75	276.94	277.13	277.31	890
900	277.31	277.50	277.69	277.88	278.07	278.26	278.44	278.63	278.82	279.01	279.20	900
910	279.20	279.39	279.57	279.76	279.95	280.14	280.33	280.52	280.70	280.89	281.08	910
920	281.08	281.27	281.46	281.64	281.83	282.02	282.21	282.39	282.58	282.77	282.96	920
930	282.96	283.14	283.33	283.52	283.71	283.89	284.08	284.27	284.46	284.64	284.83	930
940	284.83	285.02	285.21	285.39	285.58	285.77	285.95	286.14	286.33	286.51	286.70	940
950	286.70	286.89	287.07	287.26	287.45	287.63	287.82	288.01	288.19	288.38	288.57	950
960	288.57	288.75	288.94	289.13	289.31	289.50	289.69	289.87	290.06	290.24	290.43	960
970	290.43	290.62	290.80	290.99	291.18	291.36	291.55	291.73	291.92	292.10	292.29	970
980	292.29	292.48	292.66	292.85	293.03	293.22	293.40	293.59	293.78	293.96	294.15	980
990	294.15	294.33	294.52	294.70	294.89	295.07	295.26	295.44	295.63	295.81	296.00	990
1000	296.00	296.18	296.37	296.55	296.74	296.92	297.11	297.29	297.48	297.66	297.85	1000
1010	297.85	298.03	298.22	298.40	298.59	298.77	298.95	299.14	299.32	299.51	299.69	1010
1020	299.69	299.88	300.06	300.25	300.43	300.61	300.80	300.98	301.17	301.35	301.53	1020
1030	301.53	301.72	301.90	302.09	302.27	302.45	302.64	302.82	303.00	303.19	303.37	1030
1040	303.37	303.56	303.74	303.92	304.11	304.29	304.47	304.66	304.84	305.02	305.21	1040
1050	305.21	305.39	305.57	305.76	305.94	306.12	306.30	306.49	306.67	306.85	307.04	1050
1060	307.04	307.22	307.40	307.59	307.77	307.95	308.13	308.32	308.50	308.68	308.86	1060
1070	308.86	309.05	309.23	309.41	309.59	309.78	309.96	310.14	310.32	310.51	310.69	1070
1080	310.69	310.87	311.05	311.23	311.42	311.60	311.78	311.96	312.14	312.33	312.51	1080
1090	312.51	312.69	312.87	313.05	313.23	313.42	313.60	313.78	313.96	314.14	314.32	1090
1100	314.32	314.50	314.69	314.87	315.05	315.23	315.41	315.59	315.77	315.95	316.14	1100
1110	316.14	316.32	316.50	316.68	316.86	317.04	317.22	317.40	317.58	317.76	317.95	1110
1120	317.95	318.13	318.31	318.49	318.67	318.85	319.03	319.21	319.39	319.57	319.75	1120
1130	319.75	319.93	320.11	320.29	320.47	320.65	320.83	321.01	321.19	321.37	321.55	1130
1140	321.55	321.73	321.91	322.09	322.27	322.45	322.63	322.81	322.99	323.17	323.35	1140

°F	0	1	2	3	4	5	6	7	8	9	10	°F
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TABLE 40 100 Ω Platinum RTD — 0.003 90 coefficient
temperature in °F

Pt°F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
1150	323.35	323.53	323.71	323.89	324.07	324.25	324.43	324.61	324.79	324.97	325.15	1150
1160	325.15	325.32	325.50	325.68	325.86	326.04	326.22	326.40	326.58	326.76	326.94	1160
1170	326.94	327.12	327.29	327.47	327.65	327.83	328.01	328.19	328.37	328.55	328.72	1170
1180	328.72	328.90	329.08	329.26	329.44	329.62	329.79	329.97	330.15	330.33	330.51	1180
1190	330.51	330.69	330.86	331.04	331.22	331.40	331.58	331.75	331.93	332.11	332.29	1190
1200	332.29	332.47	332.64	332.82	333.00	333.18	333.35	333.53	333.71	333.89	334.06	1200
1210	334.06	334.24	334.42	334.60	334.77	334.95	335.13	335.31	335.48	335.66	335.84	1210
1220	335.84											1220

°F 0 1 2 3 4 5 6 7 8 9 10 °F