

TABLE 42 507.5 Ω Nickel - Iron RTD — 0.005 20 coefficient
temperature in °F

Ni-Fe°F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
-110	345.96	344.97	343.99									-110
-100	355.91	354.90	353.90	352.90	351.90	350.90	349.91	348.92	347.93	346.94	345.96	-100
-90	366.08	365.05	364.03	363.00	361.98	360.96	359.95	358.93	357.92	356.91	355.91	-90
-80	376.47	375.42	374.38	373.33	372.29	371.25	370.21	369.17	368.14	367.11	366.08	-80
-70	387.09	386.02	384.95	383.88	382.82	381.75	380.69	379.64	378.58	377.53	376.47	-70
-60	397.92	396.83	395.74	394.65	393.56	392.48	391.40	390.32	389.24	388.16	387.09	-60
-50	408.97	407.86	406.74	405.63	404.52	403.42	402.32	401.21	400.11	399.02	397.92	-50
-40	420.23	419.10	417.96	416.83	415.70	414.58	413.45	412.33	411.21	410.09	408.97	-40
-30	431.71	430.55	429.40	428.24	427.09	425.95	424.80	423.65	422.51	421.37	420.23	-30
-20	443.40	442.22	441.04	439.87	438.70	437.53	436.36	435.19	434.03	432.87	431.71	-20
-10	455.29	454.09	452.90	451.70	450.51	449.32	448.13	446.94	445.76	444.58	443.40	-10
0	467.40	466.18	464.96	463.74	462.53	461.32	460.11	458.90	457.70	456.49	455.29	0
0	467.40	468.62	469.84	471.07	472.29	473.52	474.76	475.99	477.23	478.46	479.70	0
10	479.70	480.95	482.19	483.44	484.69	485.94	487.19	488.44	489.70	490.96	492.22	10
20	492.22	493.48	494.74	496.01	497.28	498.55	499.82	501.10	502.37	503.65	504.93	20
30	504.93	506.22	507.50	508.79	510.08	511.37	512.66	513.95	515.25	516.55	517.85	30
40	517.85	519.15	520.46	521.76	523.07	524.38	525.69	527.01	528.32	529.64	530.96	40
50	530.96	532.28	533.61	534.93	536.26	537.59	538.93	540.26	541.60	542.93	544.27	50
60	544.27	545.61	546.96	548.30	549.65	551.00	552.35	553.71	555.06	556.42	557.78	60
70	557.78	559.14	560.50	561.87	563.24	564.60	565.98	567.35	568.72	570.10	571.48	70
80	571.48	572.86	574.24	575.63	577.01	578.40	579.79	581.18	582.58	583.97	585.43	80
90	585.43	586.83	588.23	589.64	591.05	592.46	593.87	595.29	596.70	598.12	599.54	90
100	599.54	600.96	602.39	603.82	605.24	606.67	608.11	609.54	610.98	612.42	613.86	100
110	613.86	615.30	616.74	618.19	619.64	621.09	622.54	624.00	625.45	626.91	628.37	110
120	628.37	629.84	631.30	632.77	634.23	635.71	637.18	638.65	640.13	641.61	643.09	120
130	643.09	644.57	646.06	647.54	649.03	650.52	652.01	653.51	655.00	656.50	658.00	130
140	658.00	659.51	661.01	662.52	664.03	665.54	667.05	668.56	670.08	671.60	673.12	140
150	673.12	674.64	676.17	677.69	679.22	680.75	682.28	683.82	685.36	686.89	688.43	150
160	688.43	689.98	691.52	693.07	694.62	696.17	697.72	699.27	700.83	702.39	703.95	160
170	703.95	705.51	707.08	708.64	710.21	711.78	713.35	714.93	716.51	718.08	719.67	170
180	719.67	721.25	722.83	724.42	726.01	727.60	729.19	730.78	732.38	733.98	735.58	180
190	735.58	737.18	738.79	740.39	742.00	743.61	745.23	746.84	748.46	750.08	751.70	190
200	751.70	753.32	754.94	756.57	758.20	759.83	761.46	763.10	764.73	766.37	768.01	200
210	768.01	769.65	771.30	772.95	774.59	776.24	777.90	779.55	781.21	782.87	784.53	210
220	784.53	786.19	787.85	789.52	791.19	792.86	794.53	796.21	797.88	799.56	801.24	220
230	801.24	802.92	804.61	806.30	807.98	809.67	811.37	813.06	814.76	816.46	818.16	230
240	818.16	819.86	821.56	823.27	824.98	826.69	828.40	830.12	831.83	833.55	835.27	240
250	835.27	837.00	838.72	840.45	842.18	843.91	845.64	847.37	849.11	850.85	852.59	250
260	852.59	854.33	856.08	857.82	859.57	861.32	863.07	864.83	866.58	868.34	870.10	260
270	870.10	871.87	873.63	875.40	877.17	878.94	880.71	882.48	884.26	886.04	887.82	270
280	887.82	889.60	891.39	893.17	894.96	896.75	898.54	900.34	902.14	903.93	905.73	280
290	905.73	907.54	909.34	911.15	912.96	914.77	916.58	918.39	920.21	922.03	923.85	290
300	923.85	925.67	927.50	929.32	931.15	932.98	934.82	936.65	938.49	940.32	942.17	300
310	942.17	944.01	945.85	947.70	949.55	951.40	953.25	955.10	956.96	958.82	960.68	310
320	960.68	962.54	964.41	966.27	968.14	970.01	971.89	973.76	975.64	977.52	979.40	320
330	979.40	981.28	983.16	985.05	986.94	988.83	990.72	992.62	994.51	996.41	998.31	330
340	998.31	1000.21	1002.12	1004.02	1005.93	1007.84	1009.76	1011.67	1013.59	1015.51	1017.43	340

°F 0 1 2 3 4 5 6 7 8 9 10 °F

°F	0	1	2	3	4	5	6	7	8	9	10	°F
Resistance in Ohms												
350	1017.43	1019.35	1021.27	1023.20	1025.13	1027.06	1028.99	1030.93	1032.86	1034.80	1036.74	350
360	1036.74	1038.68	1040.63	1042.58	1044.52	1046.47	1048.43	1050.38	1052.34	1054.30	1056.26	360
370	1056.26	1058.22	1060.18	1062.15	1064.12	1066.09	1068.06	1070.04	1072.01	1073.99	1075.97	370
380	1075.97	1077.95	1079.94	1081.93	1083.91	1085.90	1087.90	1089.89	1091.89	1093.89	1095.89	380
390	1095.89	1097.89	1099.89	1101.90	1103.91	1105.92	1107.93	1109.95	1111.96	1113.98	1116.00	390
400	1116.00	1118.03	1120.05	1122.08	1124.10	1126.14	1128.17	1130.20	1132.24	1134.28	1136.32	400
410	1136.32	1138.36	1140.41	1142.45	1144.50	1146.55	1148.60	1150.66	1152.71	1154.77	1156.83	410
420	1156.83	1158.90	1160.96	1163.03	1165.10	1167.17	1169.24	1171.31	1173.39	1175.47	1177.55	420
430	1177.55	1179.63	1181.72	1183.80	1185.89	1187.98	1190.07	1192.17	1194.26	1196.36	1198.46	430
440	1198.46	1200.57	1202.67	1204.78	1206.89	1209.00	1211.11	1213.22	1215.34	1217.46	1219.58	440
450	1219.58	1221.70	1223.83	1225.95	1228.08	1230.21	1232.34	1234.48	1236.62	1238.75	1240.89	450
460	1240.89	1243.04	1245.18	1247.33	1249.48	1251.63	1253.78	1255.93	1258.09	1260.25	1262.41	460
470	1262.41	1264.57	1266.74	1268.90	1271.07	1273.24	1275.41	1277.59	1279.77	1281.94	1284.12	470
480	1284.12	1286.31	1288.49	1290.68	1292.87	1295.06	1297.25	1299.44	1301.64	1303.84	1306.04	480
490	1306.04	1308.24	1310.45	1312.65	1314.86	1317.07	1319.29	1321.50	1323.72	1325.93	1328.16	490
500	1328.16											500