

100 OHM PLATINUM RTD RESISTANCE CHART

| T (°F) | R Ohms | T (°F) | R Ohms | T (°F) | R Ohms | T (°F) | R Ohms | T (°F) | R Ohms |
|--------|--------|--------|---------|--------|---------|--------|---------|--------|---------|
| -58 | 80.307 | -9 | 91.068 | 40 | 101.736 | 89 | 112.317 | 138 | 122.813 |
| -57 | 80.528 | -8 | 91.286 | 41 | 101.953 | 90 | 112.532 | 139 | 123.026 |
| -56 | 80.748 | -7 | 91.505 | 42 | 102.169 | 91 | 112.747 | 140 | 123.239 |
| -55 | 80.969 | -6 | 91.723 | 43 | 102.386 | 92 | 112.962 | 141 | 123.452 |
| -54 | 81.189 | -5 | 91.942 | 44 | 102.603 | 93 | 113.177 | 142 | 123.666 |
| -53 | 81.410 | -4 | 92.160 | 45 | 102.819 | 94 | 113.392 | 143 | 123.879 |
| -52 | 81.630 | -3 | 92.379 | 46 | 103.036 | 95 | 113.607 | 144 | 124.092 |
| -51 | 81.850 | -2 | 92.597 | 47 | 103.253 | 96 | 113.822 | 145 | 124.305 |
| -50 | 82.071 | -1 | 92.816 | 48 | 103.469 | 97 | 114.037 | 146 | 124.518 |
| -49 | 82.291 | 0 | 93.034 | 49 | 103.686 | 98 | 114.251 | 147 | 124.731 |
| -48 | 82.511 | 1 | 93.252 | 50 | 103.902 | 99 | 114.466 | 148 | 124.944 |
| -47 | 82.731 | 2 | 93.470 | 51 | 104.119 | 100 | 114.681 | 149 | 125.157 |
| -46 | 82.951 | 3 | 93.689 | 52 | 104.335 | 101 | 114.895 | 150 | 125.370 |
| -45 | 83.171 | 4 | 93.907 | 53 | 104.551 | 102 | 115.110 | 151 | 125.583 |
| -44 | 83.392 | 5 | 94.125 | 54 | 104.768 | 103 | 115.325 | 152 | 125.795 |
| -43 | 83.612 | 6 | 94.343 | 55 | 104.984 | 104 | 115.539 | 153 | 126.008 |
| -42 | 83.832 | 7 | 94.561 | 56 | 105.200 | 105 | 115.754 | 154 | 126.221 |
| -41 | 84.051 | 8 | 94.779 | 57 | 105.417 | 106 | 115.968 | 155 | 126.434 |
| -40 | 84.271 | 9 | 94.997 | 58 | 105.633 | 107 | 116.183 | 156 | 126.646 |
| -39 | 84.491 | 10 | 95.215 | 59 | 105.849 | 108 | 116.397 | 157 | 126.859 |
| -38 | 84.711 | 11 | 95.433 | 60 | 106.065 | 109 | 116.611 | 158 | 127.072 |
| -37 | 84.931 | 12 | 95.651 | 61 | 106.281 | 110 | 116.826 | 159 | 127.284 |
| -36 | 85.150 | 13 | 95.868 | 62 | 106.497 | 111 | 117.040 | 160 | 127.497 |
| -35 | 85.370 | 14 | 96.086 | 63 | 106.713 | 112 | 117.254 | 161 | 127.709 |
| -34 | 85.590 | 15 | 96.304 | 64 | 106.929 | 113 | 117.469 | 162 | 127.922 |
| -33 | 85.809 | 16 | 96.522 | 65 | 107.145 | 114 | 117.683 | 163 | 128.134 |
| -32 | 86.029 | 17 | 96.739 | 66 | 107.361 | 115 | 117.897 | 164 | 128.347 |
| -31 | 86.248 | 18 | 96.957 | 67 | 107.577 | 116 | 118.111 | 165 | 128.559 |
| -30 | 86.468 | 19 | 97.175 | 68 | 107.793 | 117 | 118.325 | 166 | 128.771 |
| -29 | 86.687 | 20 | 97.392 | 69 | 108.009 | 118 | 118.539 | 167 | 128.984 |
| -28 | 86.907 | 21 | 97.610 | 70 | 108.224 | 119 | 118.753 | 168 | 129.196 |
| -27 | 87.126 | 22 | 97.827 | 71 | 108.440 | 120 | 118.967 | 169 | 129.408 |
| -26 | 87.345 | 23 | 98.045 | 72 | 108.656 | 121 | 119.181 | 170 | 129.620 |
| -25 | 87.565 | 24 | 98.262 | 73 | 108.871 | 122 | 119.395 | 171 | 129.832 |
| -24 | 87.784 | 25 | 98.479 | 74 | 109.087 | 123 | 119.609 | 172 | 130.045 |
| -23 | 88.003 | 26 | 98.697 | 75 | 109.303 | 124 | 119.823 | 173 | 130.257 |
| -22 | 88.222 | 27 | 98.914 | 76 | 109.518 | 125 | 120.036 | 174 | 130.469 |
| -21 | 88.441 | 28 | 99.131 | 77 | 109.734 | 126 | 120.250 | 175 | 130.681 |
| -20 | 88.660 | 29 | 99.349 | 78 | 109.949 | 127 | 120.464 | 176 | 130.893 |
| -19 | 88.880 | 30 | 99.566 | 79 | 110.165 | 128 | 120.678 | 177 | 131.105 |
| -18 | 89.099 | 31 | 99.783 | 80 | 110.380 | 129 | 120.891 | 178 | 131.317 |
| -17 | 89.317 | 32 | 100.000 | 81 | 110.595 | 130 | 121.105 | 179 | 131.528 |
| -16 | 89.536 | 33 | 100.217 | 82 | 110.811 | 131 | 121.318 | 180 | 131.740 |
| -15 | 89.755 | 34 | 100.434 | 83 | 111.026 | 132 | 121.532 | 181 | 131.952 |
| -14 | 89.974 | 35 | 100.651 | 84 | 111.241 | 133 | 121.746 | 182 | 132.164 |
| -13 | 90.193 | 36 | 100.868 | 85 | 111.457 | 134 | 121.959 | 183 | 132.375 |
| -12 | 90.412 | 37 | 101.085 | 86 | 111.672 | 135 | 122.172 | 184 | 132.587 |
| -11 | 90.630 | 38 | 101.302 | 87 | 111.887 | 136 | 122.386 | 185 | 132.799 |
| -10 | 90.849 | 39 | 101.519 | 88 | 112.102 | 137 | 122.599 | 186 | 133.010 |

| | | | | | | | | | |
|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|
| 188 | 133.434 | 237 | 143.755 | 286 | 153.991 | 335 | 164.141 | 384 | 174.204 |
| 189 | 133.645 | 238 | 143.965 | 287 | 154.199 | 336 | 164.347 | 385 | 174.409 |
| 190 | 133.857 | 239 | 144.175 | 288 | 154.407 | 337 | 164.553 | 386 | 174.613 |
| 191 | 134.068 | 240 | 144.384 | 289 | 154.615 | 338 | 164.759 | 387 | 174.818 |
| 192 | 134.279 | 241 | 144.594 | 290 | 154.823 | 339 | 164.965 | 388 | 175.022 |
| 193 | 134.491 | 242 | 144.804 | 291 | 155.031 | 340 | 165.171 | 389 | 175.226 |
| 194 | 134.702 | 243 | 145.013 | 292 | 155.238 | 341 | 165.378 | 390 | 175.431 |
| 195 | 134.913 | 244 | 145.223 | 293 | 155.446 | 342 | 165.584 | 391 | 175.635 |
| 196 | 135.125 | 245 | 145.432 | 294 | 155.654 | 343 | 165.790 | 392 | 175.839 |
| 197 | 135.336 | 246 | 145.642 | 295 | 155.862 | 344 | 165.996 | | |
| 198 | 135.547 | 247 | 145.851 | 296 | 156.069 | 345 | 166.201 | | |
| 199 | 135.758 | 248 | 146.061 | 297 | 156.277 | 346 | 166.407 | | |
| 200 | 135.969 | 249 | 146.270 | 298 | 156.485 | 347 | 166.613 | | |
| 201 | 136.180 | 250 | 146.479 | 299 | 156.692 | 348 | 166.819 | | |
| 202 | 136.391 | 251 | 146.688 | 300 | 156.900 | 349 | 167.025 | | |
| 203 | 136.602 | 252 | 146.898 | 301 | 157.107 | 350 | 167.230 | | |
| 204 | 136.813 | 253 | 147.107 | 302 | 157.315 | 351 | 167.436 | | |
| 205 | 137.024 | 254 | 147.316 | 303 | 157.522 | 352 | 167.642 | | |
| 206 | 137.235 | 255 | 147.525 | 304 | 157.729 | 353 | 167.848 | | |
| 207 | 137.446 | 256 | 147.734 | 305 | 157.937 | 354 | 168.053 | | |
| 208 | 137.657 | 257 | 147.943 | 306 | 158.144 | 355 | 168.259 | | |
| 209 | 137.868 | 258 | 148.152 | 307 | 158.351 | 356 | 168.464 | | |
| 210 | 138.078 | 259 | 148.361 | 308 | 158.559 | 357 | 168.670 | | |
| 211 | 138.289 | 260 | 148.570 | 309 | 158.766 | 358 | 168.875 | | |
| 212 | 138.500 | 261 | 148.779 | 310 | 158.973 | 359 | 169.081 | | |
| 213 | 138.710 | 262 | 148.988 | 311 | 159.180 | 360 | 169.286 | | |
| 214 | 138.921 | 263 | 149.197 | 312 | 159.387 | 361 | 169.491 | | |
| 215 | 139.132 | 264 | 149.406 | 313 | 159.594 | 362 | 169.697 | | |
| 216 | 139.342 | 265 | 149.615 | 314 | 159.801 | 363 | 169.902 | | |
| 217 | 139.553 | 266 | 149.823 | 315 | 160.008 | 364 | 170.107 | | |
| 218 | 139.763 | 267 | 150.032 | 316 | 160.215 | 365 | 170.312 | | |
| 219 | 139.974 | 268 | 150.241 | 317 | 160.422 | 366 | 170.517 | | |
| 220 | 140.184 | 269 | 150.450 | 318 | 160.629 | 367 | 170.723 | | |
| 221 | 140.394 | 270 | 150.658 | 319 | 160.836 | 368 | 170.928 | | |
| 222 | 140.605 | 271 | 150.867 | 320 | 161.043 | 369 | 171.133 | | |
| 223 | 140.815 | 272 | 151.075 | 321 | 161.249 | 370 | 171.338 | | |
| 224 | 141.025 | 273 | 151.284 | 322 | 161.456 | 371 | 171.543 | | |
| 225 | 141.235 | 274 | 151.492 | 323 | 161.663 | 372 | 171.748 | | |
| 226 | 141.446 | 275 | 151.701 | 324 | 161.870 | 373 | 171.953 | | |
| 227 | 141.656 | 276 | 151.909 | 325 | 162.076 | 374 | 172.158 | | |
| 228 | 141.866 | 277 | 152.117 | 326 | 162.283 | 375 | 172.362 | | |
| 229 | 142.076 | 278 | 152.326 | 327 | 162.489 | 376 | 172.567 | | |
| 230 | 142.286 | 279 | 152.534 | 328 | 162.696 | 377 | 172.772 | | |
| 231 | 142.496 | 280 | 152.742 | 329 | 162.902 | 378 | 172.977 | | |
| 232 | 142.706 | 281 | 152.950 | 330 | 163.109 | 379 | 173.181 | | |
| 233 | 142.916 | 282 | 153.159 | 331 | 163.315 | 380 | 173.386 | | |
| 234 | 143.126 | 283 | 153.367 | 332 | 163.522 | 381 | 173.591 | | |
| 235 | 143.336 | 284 | 153.575 | 333 | 163.728 | 382 | 173.795 | | |

Note: Move decimal point 1 place to the right when converting from 100 Ohm to 1000 Ohm Platinum RTD Resistance Curve.