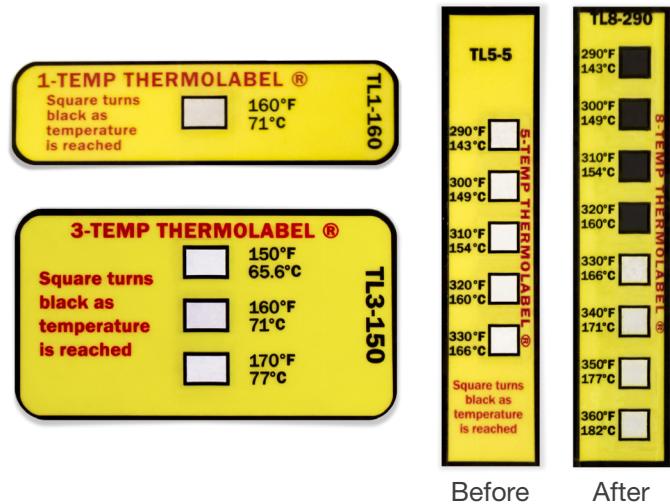


Product Specifications

High Temperature Thermal Labels

Provides a permanent record of internal or external temperature of a product or equipment over time. Used during manufacturing, processing, storage, shipping, in curing and sterilization chambers, retort operations, in ovens, washers, dryers and cargo holds.

- Single-use, color-changing temperature indicators
- approximately 10 second response time (3-Temp & 5-Temp labels)
- approximately 15 second response time (1-Temp label)
- ±1% of stated temperature accuracy
- Store in a cool, dry place, preferably under refrigeration
- Available in 1-Temperature, 3-Temperature, 5-Temperature, and 8-Temperature Measurement Strips



| Model 1-TL | °F / °C |
|------------|-----------|
| 50109 | 140 / 60 |
| 50110 | 150 / 65 |
| 50111 | 160 / 71 |
| 50112 | 170 / 77 |
| 50113 | 180 / 82 |
| 50114 | 190 / 88 |
| 50120 | 250 / 121 |

1 Level Temperature Label

Self-adhesive label [$\frac{1}{2}$ in x 1in $\frac{13}{16}$] label is completely sealed with a clear plastic overlay for use under all conditions. Indicator turns black at temperature threshold which is indelibly imprinted on each label. Different temperature thresholds range from 90°F (32°C) to 500°F (260°C). The product expiration is 2 years, and it is waterproof.

| Model 3-TL | WINDOW #1 °F / °C | WINDOW #2 °F / °C | WINDOW #3 °F / °C |
|------------|-------------------|-------------------|-------------------|
| 50301 | 150 / 65.6 | 160 / 71.1 | 170 / 76.7 |
| 50302 | 160 / 71.1 | 170 / 76.7 | 180 / 82.2 |

3 Level Temperature Label

Similar to the 1 Level Temperature label, it is also sealed with a clear plastic overlay for use under all conditions. It measures 1in x $\frac{3}{4}$ in and has two models with a combination of temperature thresholds: 150°-160°-170°F (66°-71°-77°C) and 160°-170°-180°F (71°-77°-82°C). The product expiration is 2 years, and it is waterproof.

Product Specifications

High Temperature Thermal Labels

| Model 5-TL | WINDOW #1 °F / °C | WINDOW #2 °F / °C | WINDOW #3 °F / °C | WINDOW #4 °F / °C | WINDOW #5 °F / °C |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 50501 | 100 / 37.8 | 105 / 40.6 | 110 / 43.3 | 120 / 49 | 130 / 54.4 |
| 50502 | 140 / 60 | 150 / 65.6 | 160 / 71 | 170 / 77 | 180 / 82 |
| 50503 | 190 / 88 | 200 / 93 | 210 / 99 | 220 / 104 | 230 / 110 |
| 50504 | 240 / 116 | 250 / 127 | 260 / 127 | 270 / 132 | 280 / 138 |
| 50505 | 290 / 143 | 300 / 149 | 310 / 154 | 320 / 160 | 330 / 166 |
| 50506 | 340 / 171 | 350 / 177 | 360 / 182 | 370 / 188 | 380 / 193 |
| 50507 | 390 / 199 | 400 / 204 | 410 / 210 | 420 / 216 | 435 / 224 |
| 50508 | 450 / 232 | 465 / 241 | 480 / 249 | 490 / 254 | 500 / 260 |
| 50510 | 90 / 32.2 | 100 / 37.8 | 110 / 43.3 | 120 / 49 | 130 / 54.4 |

5 Level Temperature Label

Has five temperature indicator windows on a single strip, measuring [X x Y]. Each window reacts within a few seconds when its rated temperature is reached, and that section changes from white to black. Ratings fall within an overall range of 90°F to 500°F (32.2°C to 260°C). Available in ten different temperature combinations. Model 50501 expires in 1 year. All other models expire in 2 years. All models are waterproof except 50505 and 50507.

| Model 8-TL | WINDOW #1 °F / °C | WINDOW #2 °F / °C | WINDOW #3 °F / °C | WINDOW #4 °F / °C | WINDOW #5 °F / °C | WINDOW #6 °F / °C | WINDOW #7 °F / °C | WINDOW #8 °F / °C |
|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 50801 | 100 / 37.8 | 105 / 40.6 | 110 / 43.3 | 120 / 49 | 130 / 54.4 | 140 / 60 | 150 / 65.5 | 160 / 71 |
| 50802 | 130 / 54.4 | 140 / 60 | 150 / 65.6 | 160 / 71 | 170 / 77 | 180 / 82 | 190 / 88 | 200 / 93 |
| 50803 | 170 / 77 | 180 / 82 | 190 / 88 | 200 / 93 | 210 / 99 | 220 / 104 | 230 / 110 | 240 / 116 |
| 50804 | 210 / 99 | 220 / 104 | 230 / 110 | 240 / 116 | 250 / 121 | 260 / 127 | 270 / 132 | 280 / 138 |
| 50805 | 250 / 121 | 260 / 127 | 270 / 132 | 280 / 138 | 290 / 143 | 300 / 149 | 310 / 154 | 320 / 160 |
| 50806 | 290 / 143 | 300 / 149 | 310 / 154 | 320 / 160 | 330 / 166 | 340 / 171 | 350 / 177 | 360 / 182 |
| 50807 | 330 / 165 | 340 / 171 | 350 / 177 | 360 / 182 | 370 / 188 | 380 / 193 | 390 / 199 | 400 / 204 |
| 50808 | 370 / 188 | 380 / 193 | 390 / 199 | 400 / 204 | 410 / 210 | 420 / 216 | 435 / 224 | 450 / 232 |
| 50809 | 410 / 210 | 420 / 216 | 435 / 224 | 450 / 232 | 465 / 241 | 480 / 249 | 490 / 254 | 500 / 260 |

8 Level Temperature Label

Eight temperature elements are on a single strip, and ratings fall within an overall range of 100°F to 500°F (37.8°C to 260°C). Available in nine different temperature combinations. Model 50801 expires in 1 year. All other models expire in 2 years. All models are waterproof.