



Temp-Plate® Applications

Versatile, easy-to-read Temp-Plates help monitor and prevent overheating of valuable machinery, electrical parts, components, perishable goods and other heat-sensitive materials and equipment. They are an economical, efficient tool for laboratory work, testing and quality control.

Monitor overheating, wear and friction in machinery parts: transmission housings, radiators, bearings, gear boxes, and heat exchangers.

Check overheating in electrical equipment: transformers, relays, generators, rectifiers, motor casings and bearings, underground power lines.

Audit overheated electronic parts: tubes, transformers, resistors, circuit boards and transistors.

Monitor commercial aircraft for preventive maintenance: engines, hydraulic systems, wheels, tires, brakes, heating systems, and avionics.

Prevent heat-related deterioration of materials: foods, pharmaceuticals, pacemakers, chemicals and film.

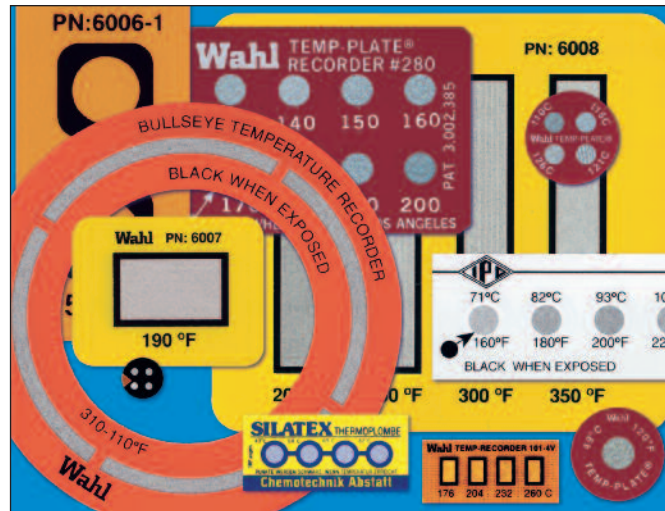
Protect sensitive areas: computers and computer rooms, blast tubes, cargo compartments, rocket chamber walls, bomb and ordnance storage.

IC Batch/Vacuum Chamber use: apply directly to integrated circuits during wafer fabrication, withstand exposure to heat, vacuum and gases.

USES IN MANY INDUSTRIES

- Avionics
- Batteries
- Brakes
- Cargo Transport
- Circuit Boards
- Circuit Breakers
- Computer Installations
- Electronic Components
- Electrical Distribution
- Film Storage
- Heating Systems
- Hydraulic Systems
- Insulation
- Quality Assurance
- Research
- Semi-Conductors
- Steam Traps
- Tires
- Vacuums
- Thousands of Other Uses!

Special Application and Custom Designed Temp-Plates®



Custom and Made-to-Order Temp-Plates: In addition to our selection of off-the-shelf Temp-Plates, Wahl's engineering creates custom and made-to-order Temp-Plates in partnership with a wide variety of manufacturing, design, maintenance and research industry leaders.

Size, shape, color, range, positions, and logo imprint can all be customized for your unique temperature recording requirements. Call us to see how we can help with your unique application!

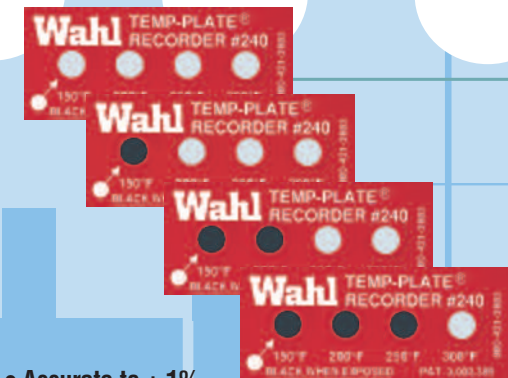


Application Highlight: Airlines worldwide use Wahl Temp-Plates to detect overheat and ensure passenger safety.

for more info visit us at:
www.wahltempplates.com
 800-421-2853

Wahl TEMP-PLATES®

Irreversible Temperature Recording Labels



- Accurate to $\pm 1\%$
- °F or °C
- Easy-to-Read with High Visibility
- Variety of shapes and sizes to fit anywhere
- Ranges from 90°F (32°C) up to 500°F (260°C)
- Self-Adhesive backing for easy installation
- Ensure critical temperatures have been reached
- Provide a permanent record
- Proudly made in the USA



Free Evaluation Sample Attached

PW1145-S 01/13

PALMER Wahl
 INSTRUMENTATION GROUP

1-800-421-2853 • www.palmerwahl.com

Wahl

TEMP-PLATES®

Irreversible Temperature Recording Labels

- Easy, self-adhesive installation on most surfaces.
- Indicator "positions" turn permanently black when temperature points are reached or exceeded.
- High-visibility positions and graphics for easy readings.
- Calibrated to ±1% NIST-traceable accuracy.

- The ONLY NIST traceable recording label on the market!
- Ranges from 90°F to 500°F (32°C to 260°C).
- Wide selection of sizes and number of recording positions for thousands of applications.
- Overheat monitoring of equipment ensures safety.

- Resistant, when properly installed, to solvents, fuels, grease, oil, water and steam.
- Continuous monitoring, no disruption by power failure or battery exhaustion.
- Provides a permanent record of overheating.

4-Position Temp-Plates®

Wahl's versatile Four-Position Temp-Plates are the most popular configuration Temp-Plates for general-purpose maintenance. Careful selection of temperature points will allow detection and recording of most overheat occurrences. Choose from STANDARD, MINI, or MICRO sizes.



STANDARD Four-Position
Base Part No. 240
.75" X 1.75" (19 x 44 mm)



MINI Four-Position
Base Part No. 101-4
.38" X .82" (10 x 21 mm)



MINI Four-Position, Round
Base Part No. 444
.56" Diameter (14 mm)



MICRO Four-Position
Base Part No. 441
.13" X .44" (3 x 11 mm)



MICRO Four-Position, Round
Base Part No. 442
.25" Diameter (6 mm)



**Special Unmarked Security
MICRO Four-Position, Round**
Base Part No. 440
.25" Diameter (6 mm)

Note: no temperatures are printed on this mylar Temp-Plate. A legend supplied with each box provides identification of the selected points. Perfect for warranty work.

All Temp-Plates shown actual size

3, 6 and 8-Position Temp-Plates®

When Wahl's selection of Four-Position Temp-Plates provides too few or too many recording positions, Wahl can still offer an off-the-shelf solution to the problem. MINI-sized Temp-Plates in six and eight-positions and MICRO-sized three-position are available from stock.



MINI Eight-Position
Base Part No. 101-8
.38" X 1.5" (10 x 38 mm)



MINI Six-Position
Base Part No. 101-6
.38" X 1.16" (10 x 29 mm)



MICRO Three-Position
Base Part No. 430
Available in Mylar only
.13" X .30" (3 x 8 mm)

Free Evaluation Sample

For a complete listing of models, specifications, and temperature ranges available, please request Wahl Catalog Number PW1250



Single-Position Temp-Plates®

Wahl Single-Position Temp-Plates provide history at a glance. Recorder is simply either "off" or "on" at one temperature point only. Perfect for warranties and critical process points.



**Wahl Breakers Single-Position
Monitor Electrical Panels for Overheat**
Part No. WB130
.470" x 0.470" (11.93 mm)
Printed both °F and °C



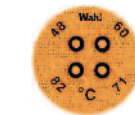
Single-Position
Base Part No. 414
.56" Diameter (14 mm)
Printed both °F and °C



Single-Position
Base Part No. 210
1" x 0.75" (25 x 19mm)
Printed either °F or °C

IC Batch/Vacuum Chamber Temp-Plates®

Specialized 4-Position Temp-Plate designed for monitoring overheat conditions directly on the surface of integrated circuits in wafer fabrication. Withstand exposure to high heat, vacuums and corrosive gases in the demanding semiconductor industry.



**MINI Four-Position
IC Batch and Vacuum Chamber**
Base Part No. 443
.56" Diameter (14 mm)



**MINI Four-Position
IC Batch and Vacuum Chamber**
Base Part No. 101-4
.38" X .82" (10 x 21 mm)



Shown larger than actual size, comes packaged in resealable plastic bags.

**Micro Four-Position
IC Batch and Vacuum Chamber**
Base Part No. 450
0.2" X 0.65" (5 x 16.5mm)

All Temp-Plates shown actual size