

APPLICATION

Temp-A-Sure Temperature Recorders are easy, self-adhesive temperature recording labels that can be read at a glance. Temp-A-Sure should be used at the beginning of the day or shift change. Position the recorder on the most difficult area to wash within the chamber. Rated temperatures are provided at the sensor window to ensure that your washing equipment is reaching the desired temperature.

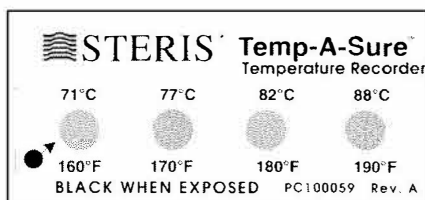
DESCRIPTION

Temp-A-Sure recorders are the smallest instrument ever designed to sense and record surface temperatures for washing equipment. Non-reversible chemical-change thermometer instantly records temperature and provides a permanent record. Temp-A-Sure recorders use a laminated construction consisting of a heat exchanger plastic cover to encapsulate the temperature-sensitive chemical indicators and protect them from contamination from solvents, soils, blood, feces material, water, and steam.

The bottom laminate of plastic film contains pressure sensitive adhesive rated for elevated temperatures (well above that seen in washing equipment). To install, remove the protective backing and apply to any clean, dry surface.

Each Temp-A-Sure recorder contains four large indicating windows 1/4" (6 mm) in diameter: 160°F (71°C), 170°F (77°C), 180°F (82°C), and 190°F (88°C).

Each sealed heat-sensitive element changes its chemical structure when exposed to heat exceeding its calibrated temperature. Each pearl-gray indicator turns permanently black after proper exposure to the desired temperature is achieved.



Typical only - some details may vary.

Where exacting temperature is critical, their miniaturized size permits use in areas where other recording instruments prove impractical.

Temp-A-Sure recorders provide a continuous monitor for over/under temperature that does not distort the temperature of the item being measured.

Temp-A-Sure recorders are easy to apply and detach without leaving a residual on the item being washed. For use during testing, Temp-A-Sure recorders can be removed and entered into the test record log book, due to its nominal thickness of 0.01" (0.3 mm).

QUALITY ASSURANCE

Temp-A-Sure recorders are manufactured with the same meticulous care as all our products. Temperature accuracy is verified by calibration tests on all lots of chemical elements used in the manufacturing of Temp-A-Sure recorders.

Records of the calibration data are on permanent file, where the accuracy of test instrumentation is traceable to the United States National Institute of Standards Technology (NIST).

CALIBRATION METHOD

Temp-A-Sure recorders are tested by placing test samples close to calibrated thermocouples installed on the surface of a special heavy-duty hot plate. A temperature rise rate not exceeding 24°F (1°C) per minute is maintained and the temperature where color change occurs is carefully observed and recorded.

SPECIFICATIONS

Rated Temperature: 160°F (71°C), 170°F (77°C), 180°F (82°C) and 190°F (88°C).

Accuracy: Color change $\pm 1\%$ of indicated value.

Traceability: Lot traceable. Accuracy calibration records on file, traceable to U.S. NIST.

Mounting: Pressure sensitive adhesive backing rated to 500°F (260°C) on smooth, clean, dry surfaces.

Size: 1-3/4"(44 mm)W x 3/4"(19 mm)H x 13/1000" (0.3 mm)D.

Reversibility: Non-reversible

SHELF LIFE/ STORAGE CONDITIONS

Shelf life is one year minimum, unless otherwise indicated.

Store at 59-86°F (15-30°C) and at 35 to 80% RH (Relative Humidity).

REORDER INFORMATION

Reorder Number: NB225

Quantity: 50 per bag

For Further Information, contact:

STERIS®



STERIS Corporation
5960 Heisley Road
Mentor, OH 44060-1834 • USA
440-354-2600 • 800-548-4873
www.steris.com

This document is intended for the exclusive use of STERIS customers, including architects or designers. Reproduction in whole or in part by any party other than a customer is prohibited.