



## 110 Series Irreversible Temperature Recording Labels

The General Purpose Model 110 contains six temperature sensitive increments covering a range of 50°F on a single model. Models from 100°F to 500°F (38°C to 260°C) are available.

Telatemp non-reversible temperature recording labels accurately and economically sense and record surface temperatures. Each recorder contains one or more sealed temperature sensitive chemical indicators which turn permanently and irreversibly from silver to black at its calibrated temperature. Response time is less than five seconds with an accuracy of  $\pm 1^{\circ}\text{C}$  or 2% of rated value whichever is greater.

The small size, weight and thickness of the labels allow installation in areas and on parts which are not practical for other instruments. No activation is required with the 110 series labels.

Standard Range Models are fluorescent red with clear windows. High Temperature Models are white in color with gold windows. Other model variations are available with specialized ranges including a 4 window and 10 window models.

### DESCRIPTION

- 1.75+wide X .75+high
- Nominal 0.01+thickness
- 6 indicator windows

### PACKAGING

- Zip lock bags
- Lot numbered

### COMPONENTS

- Double-sided acrylic adhesive tape
- Temperature sensor compound
- Printed Polyester or Kapton substrate

### PRODUCT PERFORMANCE

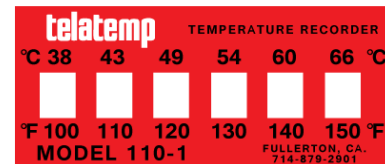
- Records exposure to the above temperatures  $\pm 1^{\circ}\text{C}$  or 2% of the rated value.
- The sensor material is white/gray/silver originally and appears black when the white/gray/silver material melts and is absorbed into the black backing paper.
- Indicator window will respond within 2-5 seconds at the rated temperature

**SHELF LIFE:** Guaranteed 2 years from date of shipment if maintained in a cool (less than 90°F), dry (less than 50% RH) environment.

**SHIPMENT:** Irreversible temperature recording labels with ascending response temperatures of 130°F (54°C) or lower must ship via 2nd Day Air or faster and may seasonally incur an additional charge for insulated packaging.

**WARRANTY:** The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller's and manufacturers only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

**LIMITATION OF LIABILITY:** All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.



*\*Prices and specifications are subject to change without notice.*

**CALL TOLL FREE HOTLINE 1-800-321-5160 [www.telatemp.com](http://www.telatemp.com)**

Telatemp Corporation 351 South Raymond Avenue Fullerton, CA USA 92831-4624  
Phone +714-879-2901 Fax +714-870-8136 [customerservice@telatemp.com](mailto:customerservice@telatemp.com)