



Irreversible Temperature Recording Strips

Product Data Sheet

Product Description: A series of temperature test labels that will permanently record the highest temperature reached by the label.

Standard Range: Temperature range covered by labels is 84 - 554°F/ 29 –290°C

Physical Properties:

	Low Temperatures (171°C and below)	Mid Temperatures (177°C and below)	High Temperatures 210 °C +
Adhesive Type	Acrylic	Modified Acrylic	Modified Acrylic
Carrier	Polyester	Tissue	Tissue
Covering Film	Polyester	Kaladex	Polyimide
Color Change Material	Non toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive		
Tolerance	Less than 100 °C = ±1 °C, 100 °C to 154 °C = ±1.5C Greater than 154 °C = ±4 °C		
Shelf Life	12 months from invoice date when stored in a cool dry environment (<64°F & < 50% relative humidity)		
Thickness	At temperature indicator chemical 6.5 mil No temperature indicator chemical 1.5mil		

Application Data:

- Peel indicator from release paper
 - Apply to any clean, grease free surface ensuring that the indicator has adhered to the surface
 - A color change from silver white/orange to black indicates that the temperature has been reached
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