

## Instructions for Use

**Product Description:** Irreversible Temperature Labels

**Standard Range:** 29-290°C / 84-554°F

**Directions:** Peel indicator from release paper

Apply to a clean, grease free surface ensuring that the indicator has adhered to the surface

A colour change from silver white / orange to black indicates that the rating has been reached.

**Storage:** Store in a cool dry place below 18°C (64°F)

## Product Data Sheet

**Product Description:** A range of temperature test strips that will record, permanently, the highest bracketed temperature reached by the label.

**Standard Range:** Various styles of labels are produced to cover temperatures between 29 and 290°C

**Physical Properties:**  
(Not for specification purposes)

	Low Temperatures (171°C and below)	Mid Temperatures (177°C to 210°C)	High Temperatures (210°C+)
Adhesive Type	Acrylic	Modified Acrylic	Modified Acrylic
Carrier	Polyester	Tissue	Tissue
Covering Film	Polyester	Kaladex	Polyimide
Colour Change Material	Non toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive		
Tolerance	29 to 99°C = $\pm 1^\circ\text{C}$ , 100 to 154°C = $\pm 1.5^\circ\text{C}$ and 160 to 280°C = $\pm 1\% + 1^\circ\text{C}$		
Shelf Life	Temperatures from 29 – 34°C / 84 – 93°F = 6 months storage life, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 37 – 49°C / 99 – 120°F = 12 months storage life, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 54 – 290° / 130 – 554°F = 24 months storage life, store at room temperature & Humidity (i.e. 20°C/68°F & 50% relative humidity)		

**Application Data:** Peel temperature-indicating label from backing paper. Apply to dust & grease free surface. Indicators change from white/grey to black when the temperature rating has been achieved. Note that labels with a polyimide film will appear orange to start.  
**These products are made to the highest standards however they are not suitable for all applications. Please discuss any specific needs with our team.**