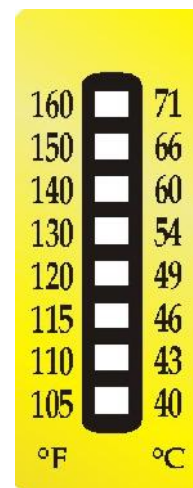


PRODUCT INFORMATION SHEET

Irreversible Temperature Recording Strips



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 = ±1°C, 100 to 154°C = ±1.5°C and 160 to 280°C = ±1% +1°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.

Information in this Product Data Sheet is compiled from our general experience and data obtained from various technical publications. While TMC believes that the information provided herein is accurate at the date hereof, no responsibility for its completeness or accuracy can be assumed. The information is provided solely for consideration, investigation and verification by the user. Customer must test the products to ensure they meet their needs and are suitable for use in their process.

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