

PRODUCT DATA SHEET

Thermostrip™ DC

Curing, Drying & UV Process 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: 8 sets available to cover temperatures between 37 and 260°C

Physical Properties:
(Not for specification purposes)

	Low Temperatures (138°C and below)	Mid Temperatures (143°C to 193°C)	High Temperatures (199°C+)
Adhesive Type	Modified Acrylic	Acrylic 172°C and above Modified Acrylic 171°C and below	Acrylic
Carrier	White Polyester	Clear Polyester 172°C and above White Polyester 171°C and below	Polyester
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		
Guarantee	Temperatures from 29 – 34°C / 84 – 93°F = 6 months guarantee, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 37 – 49°C / 99 – 120°F = 12 months guarantee, providing they are stored in a refrigerator inside a sealed bag. Temperatures from 54 – 290°C / 130 – 554°F = 24 months guarantee, store at room temperature & Humidity (i.e. 16°C/60°F--27°C/80°F & 40- 60% 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.

Information in this Product Data Sheet is compiled from our general experience and data obtained from various technical publications. While LCR Hallcrest 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.

