

PRODUCT INFORMATION SHEET

Product: Standard Liquid Crystal Thermometers
Description: Red, Green & Blue (With & Without Self Adhesive) Thermometer

Temperatures Available: -30°C to 100°C

Physical Properties:

Adhesive:	Modified acrylic adhesive suitable for adhesion to most plastics and metals with clear polyester carrier
Cover Film:	100 micron Polyester
Print:	Various
Temperature:	-30°C to 100°C
Active Material	Standard Red/Green/Blue Liquid Crystal
Size:	Various
Accuracy:	+/-1°C
Resolution:	1°C to 20°C
Supplied	Either loose in bags or kiss cut in columns/sheets
Shelf Life:	We guarantee the thermometer's accuracy for 12 months from the date of supply when stored at normal room temperature & humidity (i.e.~20°C, ~50%RH) away from any source of UV light
Heat Resistance:	70°C for 1000 hours 100°C for 60 hours 110°C for 30 hours 120°C for 10 hours
Water Resistance:	3 hours based on immersion in non-agitated ambient temperature water
Please Note:	This product is not suitable for outdoor use or direct exposure to intense UV light for significant periods

Example: 7 Level Range 3 (12.5mm X 45mm)



How to use: Peel temperature-indicating label from backing paper. Apply to dust & grease free surface. Reversible temperature indicating section changes from black to tan/red to green to blue when the temperature rating has been achieved. Temperature is indicated by Green windows/numerals however if only Tan and Blue are visible temperature is in between. If no windows/numerals are visible the temperature is outside of the range of the strip.

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. Revision date

Revision date – September 19th 2016.