

## PRODUCT INFORMATION SHEET

**Product:** Single Colour Above and Below Combination Thermometers

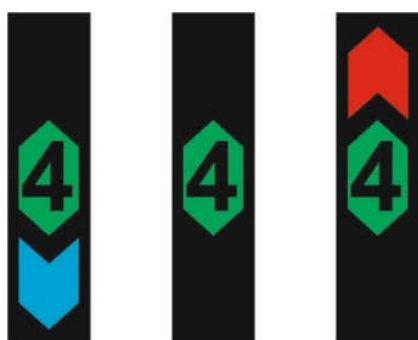
**Description:** Reversible temperature indicators with a segment(s) that light up in Blue (SCB Blue) below their rated temperature and segment(s) that light up in Red (SCA Red) above their rated temperature.

**Temperatures available:** 0°C to 75°C for SCB Blue and 2°C to 100°C for SCA Red

### 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:      | Various between 0°C to 75°C for SCB Blue and 2°C to 100°C for SCA Red   |
| Active Material   | Single Colour Change Liquid Crystals  |
| Size:             | Various   |
| Accuracy:         | +/-1°C  |
| Resolution:       | Various   |
| 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<br>100°C for 60 hours<br>110°C for 30 hours<br>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:



Below 4°C

4°C

Above 4°C

**How to use:** Peel temperature-indicating label from backing paper. Apply to dust & grease free surface. When Blue section is showing temperature is below rating when Red section is lit temperature is above its rating.

*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 19<sup>th</sup> 2016.