

PRODUCT INFORMATION SHEET

Product: 12 Level Refrigerator Thermometer
Description: This Thermometer label is designed to be used in a refrigerator to provide an easy to read method of identifying whether or not it is set at the correct temperature. It is constructed from a polyester substrate which is printed with various graphic inks and then coated with a number of speciality liquid crystal materials each of which reacts to show colour when they are above a specific temperature.

Adhesive:	Modified acrylic adhesive suitable for adhesion to most plastics and metals with clear polyester carrier
Cover Film:	100 micron Polyester
Print:	Black, White & Blue
Temperature:	1°C to 12°C
Active Material:	Single Colour Change Liquid Crystals
Size:	10 by 90 mm
Accuracy:	+/-1°C
Supplied:	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



How to use: Simply remove from release liner and place in a clean dry area in the fridge that can be easily seen when opening the door. Although this product is fast acting you should allow 24 hours from installation to ensure equilibration.

The number 1 is lit up in Blue and if only this event is visible then the temperature is too cold and needs adjusting upwards accordingly.

As the temperature increases the numerals 2, 3, 4 and 5 will all light up in green (Ideal) indicating the current temperature.

Then again as temperature increases 6, 7 and 8 will light up in Orange (Warning) and finally if temperature reaches 9, 10, 11 or 12 then these numerals light up in Red (Danger) as the refrigerator is Too Hot.