

# ThermoSpot™ Series

Self-Adhesive Surface Temperature  
Monitoring Labels for Electrical Equipment



## Elevated Temperature Indication

Provides 24/7 monitoring and visual indication to the naked eye of elevated temperatures

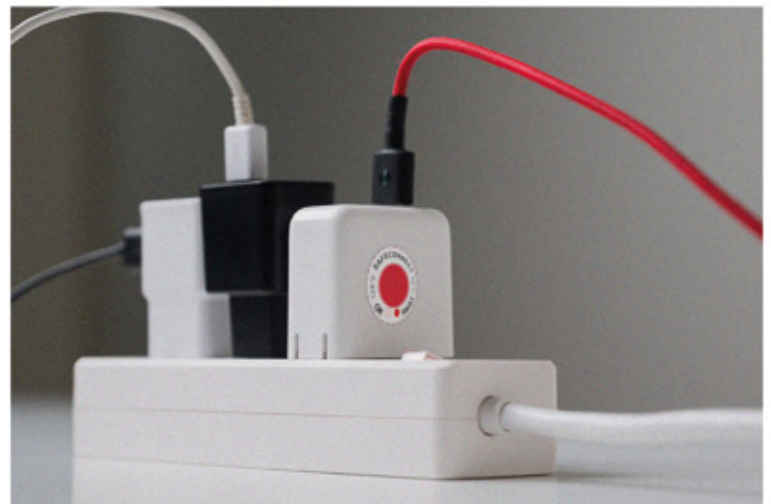
## Protection for Homes & Businesses

Ideal for both everyday use and as part of regular electrical inspections for safety and reliability

## Quick & Easy to Install

Simply adhere to the outside of a plug, adaptor, or extension socket with direct visibility

The ThermoSpot™ series are self-adhesive, surface temperature monitoring labels for plugs, adaptors, and extension sockets. Using a patented Thermochromic technology, these easily-installed labels provide a permanent color-changing visual indicator of electrical overload or deterioration. This pre-emptive fault indication provides an early warning through visual indication before any type of failure or fire occur.



# Specifications

Physical Properties	TS52
Adhesive Type	Acrylic
Carrier	Polyester
Covering Film	Polyester
Response Time	2 to 5 seconds
Color Change Material	Non-toxic, white crystalline solid on a red absorbent backing, adhered with acrylic adhesive
Activation Temperature	52°C / 126°F
Tolerance	-/+ 1 °C
Recommended Storage	Store at room temperature & humidity (i.e. 16 to 27°C / 60 to 80°F & 40 to 60% RH)
Service Life	3 years (if installed as per datasheet guidance)
Dimensions	17mm (.67") diameter

**\*Installation:** Peel the ThermoSpot™ label from the backing paper. Apply to a dust & grease free surface. Apply onto plastic external surfaces of electrical plugs, adaptors, extension sockets or household sockets. Ensure that the labels are applied to a surface that will be visible when in use. Endeavour to not touch, scratch or damage the surface of the label. The indicator spot will change color from pink to red if the surface temperature reaches 52°C setpoint. If a label turns Red (alert temperature) switch off appliance and seek advice from a competent electrician. For indoor use only.

**\*Caution:** These labels are designed for use only on the external plastic surfaces of electrical plugs, adaptors, extension sockets, household sockets and general electrical equipment.

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.iriss.com](http://www.iriss.com)

## LIMITATIONS:

- These labels are not suitable for unprotected use outdoors or in direct sunlight. They are vulnerable to degradation and non-performance from prolonged exposure to ultra-violet (UV) light or high Relative Humidity.
- These labels will not prevent electrical faults or fires but will aid in monitoring abnormal temperatures and will give visual indication of potential electrical faults and fire risks.
- These labels do not replace the need to formally install, test, inspect and maintain electrical installations as per the Electricity at Work Act, the Electrical Installation Wiring Regulations and Manufacturer's Instructions.
- This information is provided solely for consideration, investigation and verification by the user. ThermoSpots are made to the highest standard however they are not suitable for all environmental applications. The customer must ensure that they are suitable for use in their application.

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