

ThermoWrap™ Series

Self-Adhesive Hot-Connection Cable Wraps



Elevated Temperature Indication

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

Memory Color Change

Permanent color change highlights issues in non-continuous load applications when inspected

Quick & Easy to Install

Simply adhere around cables or onto the outside of electrical switchgear and enclosures

The ThermoWrap™ series are self-adhesive, hot-connection cable wraps that provide elevated temperature indication to the naked eye. These calibrated, temperature-activation strips provide 24/7 monitoring and permanent color change as an early warning through visual indication before any type of failure or fire occur.



Specifications

Physical Properties	TW70	TW90
Adhesive Type	Acrylic	Acrylic
Carrier	Polyester	Polyester
Covering Film	Polyester	Polyester
Response Time	2 to 5 seconds	2 to 5 seconds
Color Change Material	Non-toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive	Non-toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive
Activation Temperature	70°C / 158°F	90°C / 194°F
Tolerance	-/+ 1°C	-/+ 1°C
Recommended Storage	Store at room temperature & humidity (i.e. 16 to 27°C/60 to 80°F & 40 to 60% RH)	Store at room temperature & humidity (i.e. 16 to 27°C/60 to 80°F & 40 to 60% RH)
Service Life	5 years (if installed as per datasheet guidance)	5 years (if installed as per datasheet guidance)
Dimensions	18mm x 115 mm (.71" x 4.53")	18mm x 115 mm (.71" x 4.53")

***Installation:** Peel the ThermoWrap™ temperature-indicating label from the backing paper. Apply to a dust & grease free surface. If applying to a cable, preferably wrap the self-adhesive label around the cable and back on top of itself. For indoor use only.

***Caution:** These labels are designed to use on electrical equipment and as such electrical safety must be assessed by a competent electrician prior to their application.

Specifications are subject to change without notice. For the most up-to-date specs, go to 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, Electrical Installations Wiring Regulations and Manufacturer's Instructions.
- This information is provided solely for consideration, investigation and verification by the user. ThermoWrap products 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.

N. America (HQ)
+1(941)907-9128
info@iriss.com

LATAM/APAC
+1(941)704-4445
info-latam@iriss.com

Europe
+44(0)843-507-0099
info-emea@iriss.com

Qatar
+974-399-24-0-24
info-mena@iriss.com

India
+91-22-4969-0921
info-india@iriss.com



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www.iriss.com