

### Overview

The Thermo Paint™ Series, a vital component of the Safe-Connect collection, introduces a liquid thermal indicator for safeguarding electrical and mechanical assets. Leveraging the cutting-edge Thermo-Lock Technology, Thermo Paint undergoes a color change at a specific temperature threshold (typically set at 70°C 150°F), offering an added layer of security through quick visual checks. This feature empowers operators to promptly identify dangerous temperature increases without relying on complex equipment. Furthermore, this non-conductive paint's integrated temperature lock technology provides an immediate warning signal for temperature irregularities, streamlining the process for urgent service or work order actions.



### Key Features



#### Simple Application

Easy and quick paint-on installation, simply paint the outside of your electrical and mechanical asset with direct visibility.



#### Easy to Read

The thermo-chromic paint provides a highly visible predictive warning when viewing through IR inspection windows.



#### Thermo-Lock Technology

Our patented thermo-chromic technology enables our indicators to change and lock color to signal elevated temperatures.



#### Elevated Temperature Indication

Provides 24/7 monitoring and visual indication of elevated temperatures.



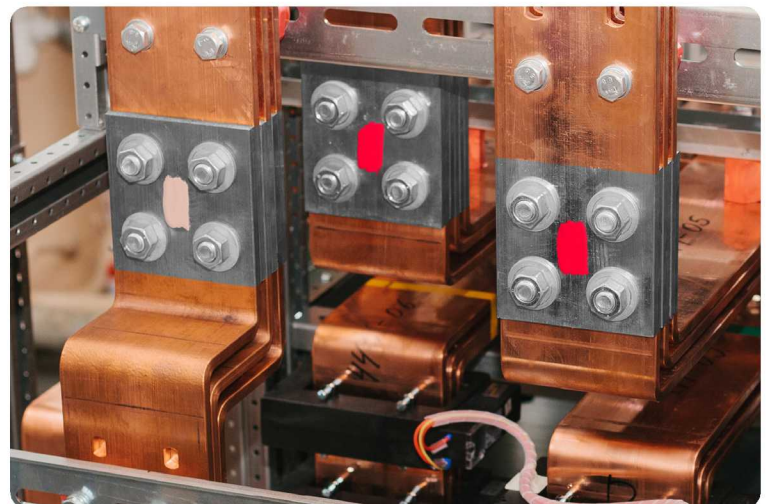
#### Cost-Effective Solution

Minimum investment for an increased and noticeable improvement to your Operations Safety and Reliability Program.



#### Passive Design

Temperature-responsive color changes as a passive visual alert system for hazard detection and prevention.



# Specifications

Model	TP70-W/R-.5	TP70-W/R-1-B	TP70-W/R-1-S	TP70-W/R-16	TP70-W/R-Bulk
<b>General Specifications</b>					
Container Size	0.5 fl oz	1 fl oz	1 fl oz	16 fl oz	176 fl oz
Container Type	Bottle	Brush Bottle	Squeeze Bottle	Bottle	Jug
Base Materials	Silicone free water based acrylic with organic pigments				
Permanent Color Change Temperature	Approx 70°C – will show 50% full color strength at 70°C				
Permanent Color Change Color	Red				
Tolerance	Approx +/- 1°C, Heavier coatings will appear to show color earlier than thinner ones				
Response Time	5 to 20 Seconds at temperature of 70°C, approx 1 minute for full color change				
Storage	Store at room temperature & humidity not in excess of 25°C / 77°F, or cool but avoid freezing.				
Product Lifespan	12 months unopened				

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

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