

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.



Thermo-Lock Technology

Our patented thermochromic technology enables our indicators to change and lock color to signal elevated temperatures.



Cost-Effective Solution

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



Easy to Read

The thermochromic paint provides a highly visible predictive warning when viewing through IR inspection windows.



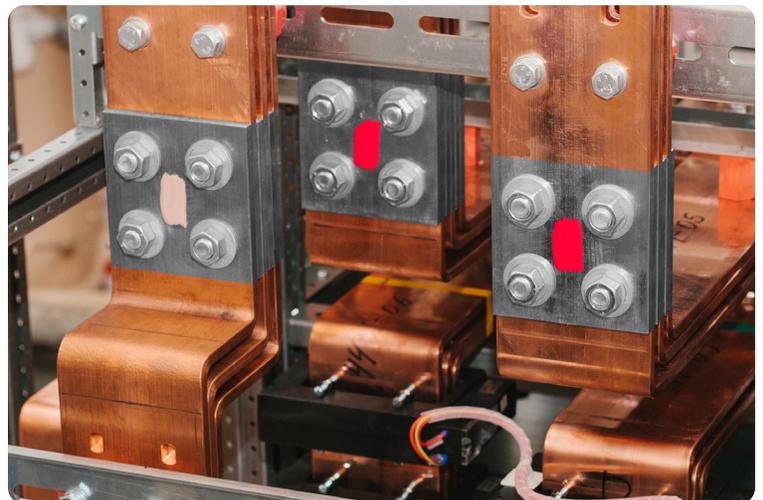
Elevated Temperature Indication

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



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
General Specifications					
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

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