

# NON REVERSIBLE TEMPERATURE LABEL

## Temperature range

Type	Gauge	Temperature range (°C/°F)																	
		°C	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	
		°F	122	131	140	149	158	167	176	185	194	203	212	221	230	239	248	257	
A series	T8-50A	●		●		●		●		●		●		●		●			
	T5-60A			●		●		●		●		●		●		●			
	T5-50A	●		●		●		●		●		●		●		●			
	T3-100A											●		●		●			
	T3-80A							●		●		●		●		●			
	T3-70A						●		●		●		●		●		●		
	T3-60A			●		●		●		●		●		●		●		●	
B series	T8-60B			●		●		●		●		●		●		●		●	
	T5 100B											●		●		●		●	
	T5-75B							●		●		●		●		●		●	
	T5-65B					●		●		●		●		●		●		●	
	T5-50B	●		●		●		●		●		●		●		●		●	
T1 series	T1-100																		●
	T1-95																		●
	T1-90																		●
	T1-85																		●
	T1-80																		●
	T1-75																		●
	T1-70																		●

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## Other recommendation

### UV indicating label



- Major applications**
- Determination of hardness of UV-cured resin (ink, paint, adhesives, etc.)
  - Maintenance management of UV lamps (metal halide, mercury, ultraviolet lamps)
  - For disinfection practice

### For UV process control

The four types of sensitivity cover a wide range of needs.



Available for wavelength of 365nm or longer. LED-2 is the brand-new product.



• We do not assume any responsibility for defect, damage, or injury caused when the label is used in a way deviating from the normal purpose of use or when the product has been modified.  
 • This product will not insure the temperature accuracy in all operating environments or usage.  
 • We do not bear any responsibility for malfunction with respect to performance due to process control or maintenance management through the use of this product.  
 • For details, refer to our website (URL or QR code).

# Solutions for quality control and temperature monitoring

Temperature is an important factor in all of our lives, supporting safety and quality in every field and category of business. Temperature monitoring is indispensable in fields such as process control, quality assurance, maintenance of machine/machinery, distribution, and infrastructure.

Temperature Label requires no power supply no specific technology.

Just by applying the Temperature Label, you can quickly note temperature changes just by looking.

NiGK provides quality control and temperature monitoring solutions for every profession.

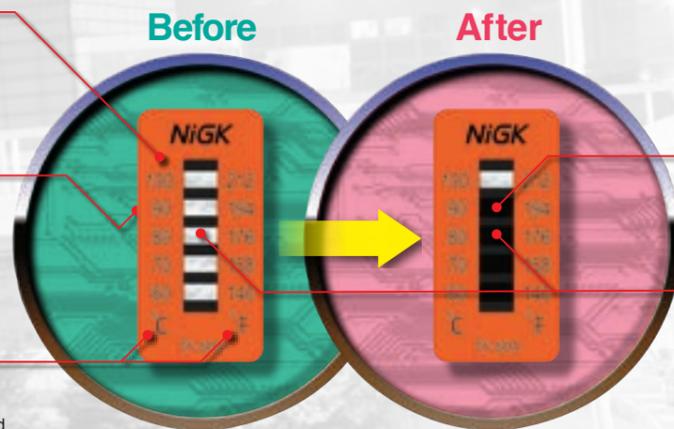


## Product Features

**Lamination**  
Laminate protects the indicator from dirt and water. The laminate is a highly visible orange.

**Self-adhesive**  
An adhesive on the reverse side allows the Temperature Label to be easily applied just by peeling the backing.

**Dual temperature scale**  
The Celsius temperature scale is easily noted and the corresponding Fahrenheit temperature is also displayed.



**Non-reversible**  
Once the temperature rises above a set point the temperature indicator does not erase the reading so past readings are not lost.

**Indicator**  
As temperatures rise, the indicator will immediately change from white to black. (Such as when the monitored temperature rises above a desired set point.)

## Examples of manufacturing processing uses:

- Semiconductors and electronic components
- Plastic components
- Rubber components (tires, etc.)
- Electric components for automobiles (lamps, meters, electronic circuits, ECU)
- Glass

## Examples pertaining to maintenance management through temperature monitoring:

- Semiconductors and electronic components
- Power equipment at transformation installation and terminal connecting parts
- Distribution/control equipment
- Rotating mechanical parts such as motors, railroad axles
- Abnormal temperature monitoring of other in-factory facilities

## A series 10°C Pitch

3 Level 40 pcs per PACK		<b>T3-60A</b> Heat Range 60°C → 80°C 140°F → 176°F	
		<b>T3-70A</b> Heat Range 70°C → 90°C 158°F → 194°F	
		<b>T3-80A</b> Heat Range 80°C → 100°C 176°F → 212°F	
		<b>T3-100A</b> Heat Range 100°C → 120°C 212°F → 248°F	
5 Level 40 pcs per PACK		<b>T5-50A</b> Heat Range 50°C → 90°C 122°F → 194°F	
		<b>T5-60A</b> Heat Range 60°C → 100°C 140°F → 212°F	
8 Level 40 pcs per PACK		<b>T8-50A</b> Heat Range 50°C → 120°C 122°F → 248°F	

## B series 5°C Pitch

5 Level 40 pcs per PACK		<b>T5-50B</b> Heat Range 50°C → 70°C 122°F → 158°F	
		<b>T5-65B</b> Heat Range 65°C → 85°C 149°F → 185°F	
		<b>T5-75B</b> Heat Range 75°C → 95°C 167°F → 203°F	
		<b>T5-100B</b> Heat Range 100°C → 120°C 212°F → 248°F	
8 Level 40 pcs per PACK		<b>T8-60B</b> Heat Range 60°C → 95°C 140°F → 203°F	

## T1 series One Point

1 Level 40 pcs per PACK		<b>T1-70</b> Heat Range 70°C 158°F	
		<b>T1-75</b> Heat Range 75°C 167°F	
		<b>T1-80</b> Heat Range 80°C 176°F	
		<b>T1-85</b> Heat Range 85°C 185°F	
		<b>T1-90</b> Heat Range 90°C 194°F	
		<b>T1-95</b> Heat Range 95°C 203°F	
		<b>T1-100</b> Heat Range 100°C 212°F	

## How to choose

T8 series wide type is the best model when you define the range of temperature change of the object. You can choose the types of fewer levels like T5 and T3 if the temperature range is smaller. T1 is the best option when threshold temperature is defined and more visible size is preferred. According to the gap between levels you can choose A type(5°C pitch) or B type(10°C).

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The label images shown above are only for illustrative purposes and do not refer to an actual result of discoloration at the time of temperature rise. **MADE IN JAPAN**