

## Temperature Indicator Levels



### TEMPERATURE LABELS (Irreversibility) JP

Order No.	Model No.	Temperature Combination(°C)	JPY	Ref.No
5-1012-01	3R-40	40- 45- 50	¥ 2,400	043675
5-1012-02	3R-50	50- 55- 60	¥ 2,400	043675
5-1012-03	3R-60	60- 65- 70	¥ 2,400	043675
5-1012-04	3R-70	70- 75- 80	¥ 2,400	043675
5-1012-05	3R-80	80- 85- 90	¥ 2,400	043675
5-1012-06	3R-90	90- 95-100	¥ 2,400	043675
5-1012-07	3R-100	100-105-110	¥ 2,400	043675
5-1012-08	3R-110	110-115-120	¥ 2,400	043675
5-1012-09	3R-120	120-125-130	¥ 2,400	043675
5-1012-10	3R-130	130-140-150	¥ 2,400	043675

※ This product is only for indoor. ※ These products are limited to be sold and used only in Japan.

#### ■ Specification

- Discoloration Accuracy : ±2°C ● Primary Color→Discoloration : White→Black
- Dimensions : Base Portion / φ6mm, Temperature-indicating Element / φ1mm×3pieces
- Quantity : 1 bag (20 sheets)

- Applications ● For temperature surveies of minute parts, such as transistor, diode, and integrated circuit.

### TEMPERATURE LABELS (Irreversibility) JP

Order No.	Model No.	Temperature Combination(°C)	JPY	Ref.No
1-5619-01	G-1	250-290-310-330	¥ 7,000	043675
1-5619-02	G-2	360-410-440-450	¥ 7,000	043675

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#### ■ Feature

- It is irreversible label for high temperature which used special heat resistance material and printed thermostat paint.

#### ■ Specification

- Discoloration of Each Temperature (primary color→discoloration) :  
250°C/Light Greenish Blue→Black, 290°C/Light Pink→Black,  
310°C/Bright Blueness Ashes→Black, 330°C/Light Bluish Green→Brown Black,  
360°C/White→Brownish Gray, 410°C/Blue→Brown,  
440°C/White→Greenish Gray, 450°C/Purple→White
- Dimensions : 10×37mm
- Quantity : 1box (10sheets)

### COLD CHAIN MONITOR (Reversibility)

Order No.	Model No.	Dimensions (mm)	Quantity	JPY	Ref.No
61-3816-59	CCM	96×40	1box(10sheets)	¥ 5,800	043670

- Feature ● This monitor issues freezing level warnings and is ideal for monitoring temperature in cold environments.

#### ■ Specification ● Temperature Accuracy : ±1°C

- Temperature Zones : Blue or Red Indicator/Moderate Temperature (2°C~8°C), Blue Indicator only/Freezing Level Warning (2°C or less), Red Indicator only/High Temperature Warning (8°C or more)
- Response Time : 1second



### TEMPERATURE LABEL (Irreversibility) JP

Order No.	Model No.	Conditions	Dimensions(mm)	JPY	Ref.No
6-8593-01	KS-80-20	80°C-20Minutes	14×30	¥ 6,000	043675

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- Feature ● It is not temporary rise in heat, and add factor of time and change. The conditions which reach color after discoloration are 100°C to 2 minutes etc. for 90°C -3 minutes for 80°C -20 minutes. If it heats to predetermined conditions, ellipse on either side will become same color.

#### ■ Specification ● Quantity : 1box (200sheet containing)

- Applications ● For heat-treatment process check.



### THERMO PAINT (Irreversibility · 200 g Bottles) JP

Order No.	Model No.	Type	Change of color(temperature/°C)	For High Temperature	JPY	Rel. No
1- 637-16	13	For Low Temperature	130	Light Purpleish Red → Bluish Purple	¥ 12,000	043675
1- 637-02	14 <sup>※</sup>		140	Bluish Green → Pale Purple	¥ 12,000	043675
1- 637-03	16		160	Light Blue → Dark Gray	¥ 12,000	043675
1- 637-04	18		180	Purpleish Red → Brown Black	¥ 12,000	043675
1- 637-05	20		200	Pale Yellow Orange → Bluish Violet	¥ 12,000	043675
1- 637-06	22 <sup>※</sup>		220	White → Gray Black	¥ 12,000	043675
1- 637-07	25 <sup>※</sup>	For High Temperature	250	Light Greenish Blue → Reddish Gray	¥ 12,000	043675
1- 637-09	29 <sup>※</sup>		290	Light Pink → Black	¥ 12,000	043675
1- 637-10	31 <sup>※</sup>		310	Bright Blue Gray → Brown Black	¥ 12,000	043675
1- 637-11	33 <sup>※</sup>		330	Pale Bluish Green → Gray Black	¥ 12,000	043675
1- 637-12	36		360	White → Orange	¥ 12,000	043675
1- 637-13	41		410	Blue → Brown White	¥ 12,000	043675
1- 637-14	44		440	White → Pure Yellow Brown	¥ 12,000	043675
1- 637-15	45		450	Purple → White	¥ 12,000	043675

※ The product of (※) mark, please order from the dealer from which you registered with poisonous of general selling business. ※ These products are limited to be sold and used only in Japan.

#### ■ Feature

- Discolor clearly at specific temperature (once it discolors, it will not return to the color of basis).

#### ■ Specification ● Type : No.13 · 14 · 16 · 18 / For Low Temperature, Other / For High Temperature

- Capacity : 200 g



1 Laboratory Equipment

2 Measuring Equipment

3 Laboratory Furniture

4 Life Science and Analysis

5 Bottles and Containers

6 Laboratory Related Tools and Fixtures

7 Cleaning and Sterilization

8 Safety Protection Supplies

9 Clean Environment Equipment

A Balances

B Thermometers and Hygrometers

C Data-Loggers and Recorders

D Water and Soil Analysis

E Air and Gas Analysis

F Natural Environment Analysis

G Electrical Measuring Equipment

H Physical Property Measuring Equipment

I Microscopes

J Fiber Scopes and Loupes

K Lasers / Optical Equipment

L Measuring Tools