

# Make Ultraviolet level visible!

UV label™ is a convenient indicator enabling to check UV irradiation by color change. You get easily by checking shadings of colors without any illuminometers. Along with five types of label, and customized types are available upon request.

UV LABEL™ works helpfully in the following UV irradiation processes.

## Semiconductors



Printed circuit boards, condensers, silicon wafers, IC cards, etc.

## Adhesion & Curing



Camera modules, LCDs, touch panels, etc.

## Printing



Paper, packaging, labels, etc.

## Painting & Coatings



Automotive parts, construction materials, household appliances, etc.

## Disinfection

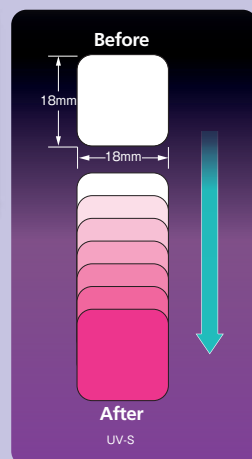
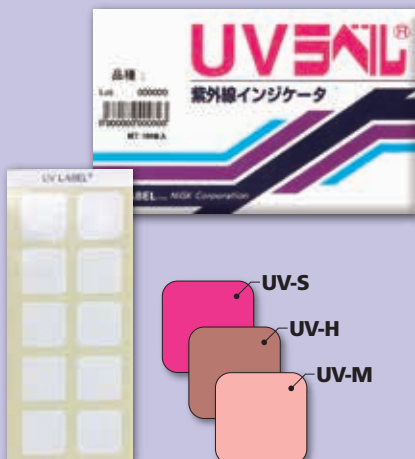


Foodstuffs, pharmaceuticals, cleansing water, cleanrooms, interiors, etc.

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

Irreversible

# UV LABEL™



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

Irreversible

# UV LABEL™ for LED



# NiGK's UV label is your solution for UV irradiation process!

**Easy to interpret**  
Clearly changes color when exposed to ultraviolet radiation



**Easy to interpret**

UV irradiation levels can be understood from the color's shade. In addition, the accuracy of equipment settings, along with reduced light levels due to deterioration or impurities in UV lamps, are immediately apparent.

**Self-adhesive**  
Can be used easily by affixing to the subject to be measured



**Self-adhesive**

Effective when used in situations unsuitable for using an illuminometer! For example, in locations, moving bodies, and solid objects in which an illuminometer does not fit.

**Irreversible**  
Having changed once, the color does not return to its original color



**Irreversible**

By checking the UV LABEL after completing a process, it is possible to clearly confirm and record the presence of UV.\*

**Extensive line up**  
A range of different sensitivity levels for a wide variety of uses



**More Sensitive**

LED-1 and LED-2 can cope with wavelength ranges of 365 nm and above where conventional UV LABEL suffered from low-sensitivity.

\*Please note that for UV-S and UV-H types, colors may fade if the color changed insufficiently or if stored in hot environment after use.

## Specifications

**Irreversible**

### UV LABEL™

Type	JAN code	Quantity	◀Low	Color chart	High▶
UV-S (Super-high sensitivity)	4582130422823	100 per case	□	□ □ □ □ □ □ □ □	□
UV-H (High sensitivity)	4582130422830		□	□ □ □ □ □ □ □ □	□
UV-M (Medium sensitivity)	4582130422847		□	□ □ □ □ □ □ □ □	□

•Color tones relate to ultraviolet irradiation conditions during in-house color change tests

Light source	Irradiation level	Color tone (approx.)
Metal halide lamp	1048 mJ/cm <sup>2</sup>	□
Metal halide lamp	3339 mJ/cm <sup>2</sup>	□
Metal halide lamp	5508 mJ/cm <sup>2</sup>	□



**Irreversible**

### UV LABEL™ for LED

Type	JAN code	Quantity	◀Low	Color chart	High▶
LED-1 (Super-high sensitivity)	4582130423370	100 per case	□	□ □ □ □ □ □ □ □	□
LED-2 (High sensitivity)	4582130423394		□	□ □ □ □ □ □ □ □	□

•Color tones relate to ultraviolet irradiation conditions during in-house color change tests

Light source	Irradiation level	Color tone (approx.)
UV-LED lamp	179 mJ/cm <sup>2</sup>	□
	2790 mJ/cm <sup>2</sup>	□



**Customized types are available.**  
You can freely choose the size and the design.

**Irreversible Customized type**

### UV LABEL™

- Sensitivity and color change are same as common to the five product types listed above.
- Prices and delivery times vary depending on the design and quantity ordered.

Sheet type



Roll type



Distributor

# NiGK Corporation

## Overseas Business Development Division

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MADE IN JAPAN

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