

Features

- Changes from a non-colored state to a colored state when exposed to UV light.
- The change in color can be used to confirm the level of UV irradiation.
- Once changed, the color is irreversible and will not disappear.
- Four types of varying sensitivity are available for different purposes.
- Adhesive on the backing allows easy affixing to diverse surfaces.



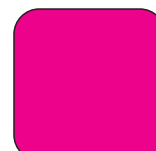
Before color change



UV light



After color change



S Type

(Table1) Color Chart

Type	Low ↔ Irradiation Level ↔ Hi
S Super-high sensitivity	
H High sensitivity	
M Medium sensitivity	
L Low sensitivity	

(Table2) Test results based on our test conditions※

Light Source	Irradiation dose (mJ/cm ²)	Results(approx.) Reference
Metal-halide lamp	1048	
Metal-halide lamp	3339	
Metal-halide lamp	5508	
Sunlight	132480	

※Color results in (table2) depend on the irradiation device, test procedure and product lot.
Please refer to the technical document for the detailed conditions.

100 labels per box

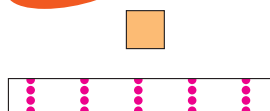
Applications

- Determining the hardness of UV-curable resins (inks, paints, adhesives, etc.)
- Maintenance (determining the time for replacement) of UV lamps (metal-halide, mercury-vapor, germicidal lamps)
- Checking sunlight UV levels
- Checking gamma-ray or electron beam irradiation (S, H)

Features

- We customize sizes, shapes and designs at your request.
- In general, sensitivity and color changing tone will be the same as for the standard product.
- Price and delivery dates vary according to design and quantity. Please inquire for details.

Examples



Tape: For use together with a labeler in monitoring an irradiation line

Ultra-compact size: For small target areas (e.g. 5×5mm)

Other: Large size for checking UV dose distribution (e.g. A4 size)

Caution on Use

- Color tones will vary according to the irradiation conditions. Please confirm color changes before use.
- The labels change color even from exposure to room lighting. Avoid exposing unused labels to light.
- For S and H types, colors may fade if the color change is insufficient.
- Do not apply directly to skin.