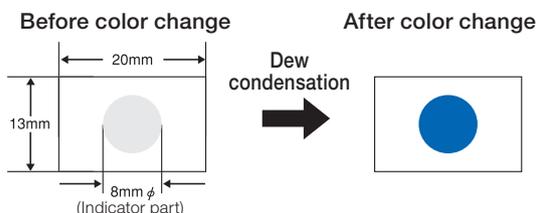


Features

- Uses color changes to confirm the presence of dew.
- The color change is irreversible. Once changed, the color will not return to the original color, even if dried.
- Adhesive on the backing allows easy affixing to diverse surfaces.
- Labels with customized sizes and designs can be supplied on request.



* Color changing varies according to the dew conditions (surrounding temperature/humidity, surface temperature/heat capacity of the object, wind conditions, etc.). Too much water deposited on the label may result in the pigment running and no color appearing.

Type	Color-change	JAN code
D-1	Gray → Blue	4582130422861

200 labels per box

Pigment Leak Example



Usage Examples

① Affix to area susceptible to dew condensation.

② The temperature of the object drops if located beside an air conditioner during summer, or outside during winter.

③ When the air conditioning is turned off, or the object is brought into a warm room, the difference in temperature between the environment and the object causes condensation.

④ Even if the object dries after adjusting to the surrounding temperature, the color remains changed and it is ascertained at a single glance that dew was present.

Information About Dew (Condensation)

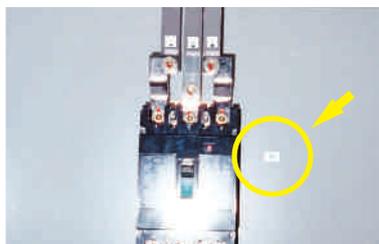
Dew condensation is the phenomenon whereby moisture from water vapor settles on an object when its surface temperature is lower than the dew point* of the environment. This condensation always occurs where there is humidity and differences in temperature. Dew Label® can be used for the detecting of dew, which is a cause of corrosion, mold and equipment breakdowns.

* Dew point: The temperature within a certain environment at which dew condensation will occur (the temperature at which water vapor in the environment is saturated)

Example Air temperature: 30°C; Relative humidity: 80% → Dew point: 26.1°C
 Air temperature: 20°C; Relative humidity: 40% → Dew point: 6.0°C

Usage Examples

Monitoring and controlling dew condensation inside power-receiving cubicles



Caution on Use

- Do not touch or rub the indicator area directly as it may cause the color to change.
- Too much water deposited on the label may lead to the pigment running into surrounding areas.
- Avoid using outdoors or exposure to direct sunlight as it may cause color fade.