

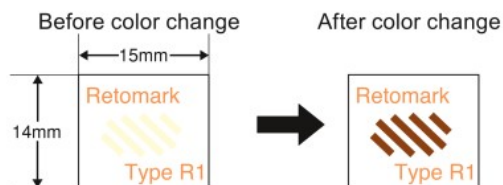
Irreversible

**RETOMARK™**

RoHS Compliant

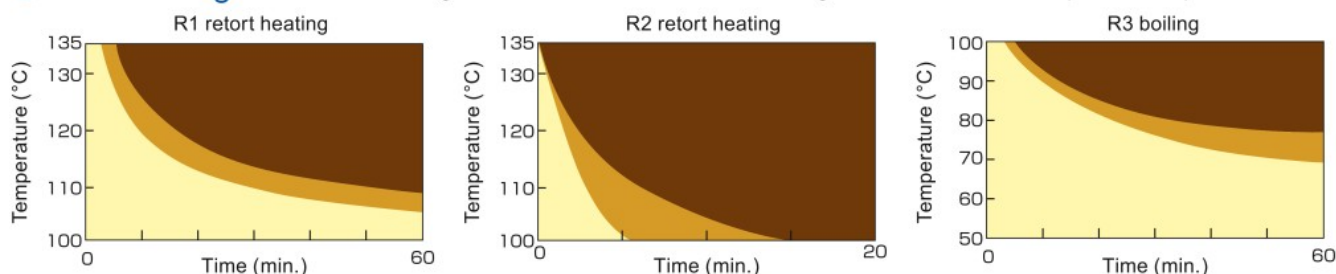
**Features**

- Three types available for high-temperature boil-in-bags sterilization down to low-temperature boiling sterilization. Color tones also vary depending on heating temperature and time, allowing different conditions to be detected with the same type. Select a RETOMARK™ according to your intended conditions.
- As it is heated, the color of the indicator gradually turns from cream to brown.



| Type | Color-change temperature (°C) | Heating time (min.) | Applications                          | JAN code      |
|------|-------------------------------|---------------------|---------------------------------------|---------------|
| R1   | AC110-134                     | 5 - 30              | High-temperature retort sterilization | 4582130422748 |
| R2   | AC100-120                     | 5 - 15              | Retort sterilization                  | 4582130422755 |
|      | Boil 90-100                   | 30 - 120            |                                       |               |
| R3   | Boil 70-100                   | 3 - 60              | Boiling sterilization                 | 4582130422762 |

500 labels per box

**Color-Change Guides** The guides below show color tone changes when heated at a specific temperature.**Caution on Use**

- Actual color tones may differ from the above guides. Please confirm color tones under your intended usage conditions in advance.
- RETOMARK™ gradually turns brown if stored for a long period of time at room temperature. Please store in a refrigerator both before and after use.

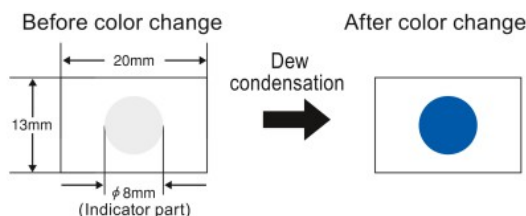
Irreversible

**DEW LABEL™**

RoHS Compliant

**POINT!!** Checks for dew condensation using color**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