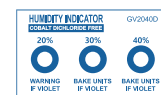
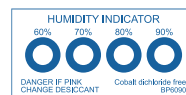
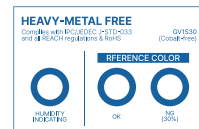
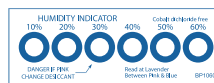
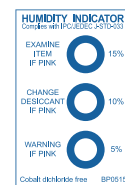
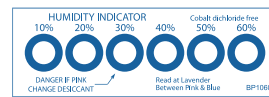
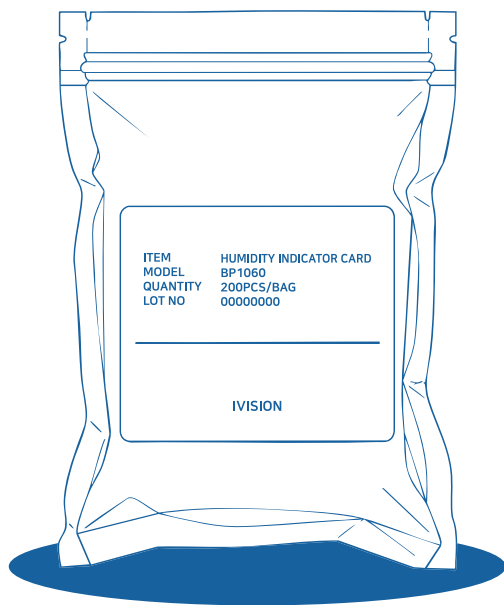


# IVISION PRODUCT GUIDE

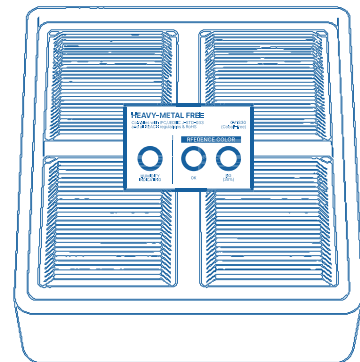
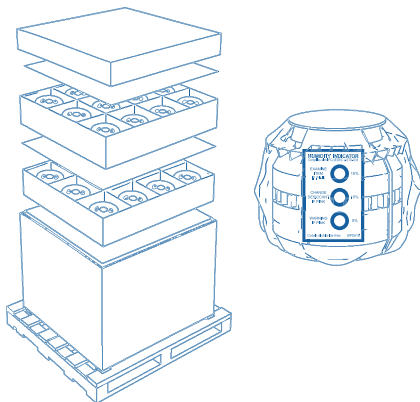
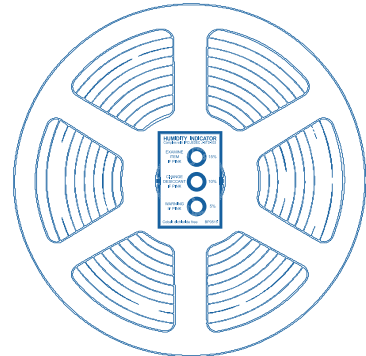
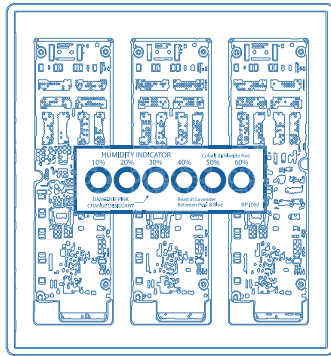




IVISION is a Korea-based company specializing in the manufacturing and supply of Humidity Indicator Cards.

Designed and produced under stringent quality standards, our humidity indicator cards are supplied to customers worldwide. They are used across a wide range of industries where precise humidity control is essential, including semiconductors, electronics, logistics, and defense.

We believe that accurately understanding and reflecting customer requirements is the key to enhancing product reliability. Based on this philosophy, IVISION offers not only standard products, but also a broad range of customized humidity indicator card solutions tailored to specific usage environments and industry requirements.

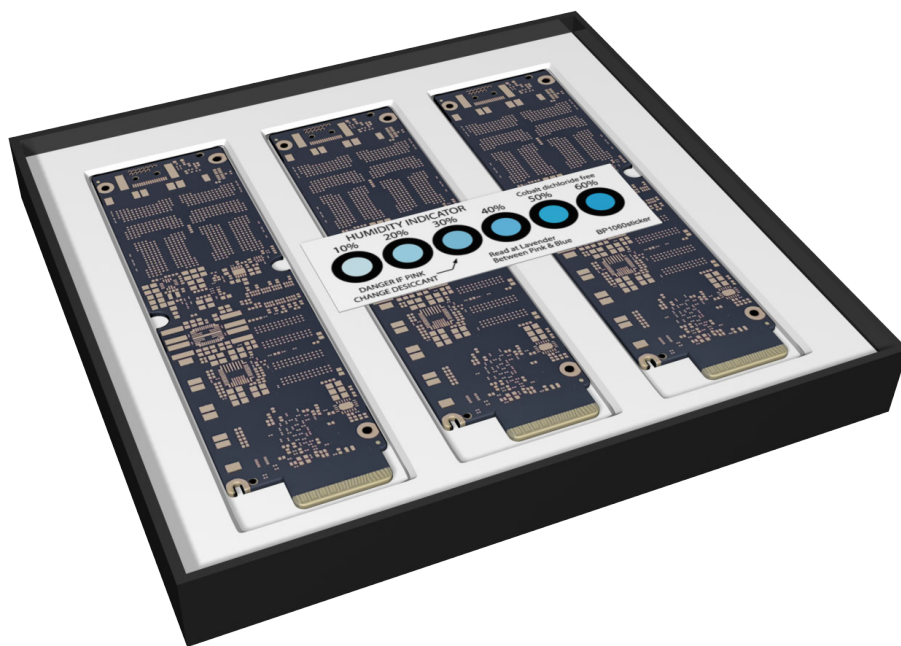


As the reliability of our products grows, so does the trust we build with our customers. IVISION strives to be more than just a supplier—we aim to be a long-term partner that works closely with our customers to pursue quality and create lasting value together. Customer satisfaction is our satisfaction, and our goal is to become a trusted partner that grows alongside your success.

## Humidity Indicator Card

A humidity indicator card allows quick and visual confirmation of relative humidity inside sealed packages and containers.

As humidity exceeds safe levels, the indicator spots change color clearly and distinctly.



Mill-Spec.

**JEDEC**

JEDEC spec.



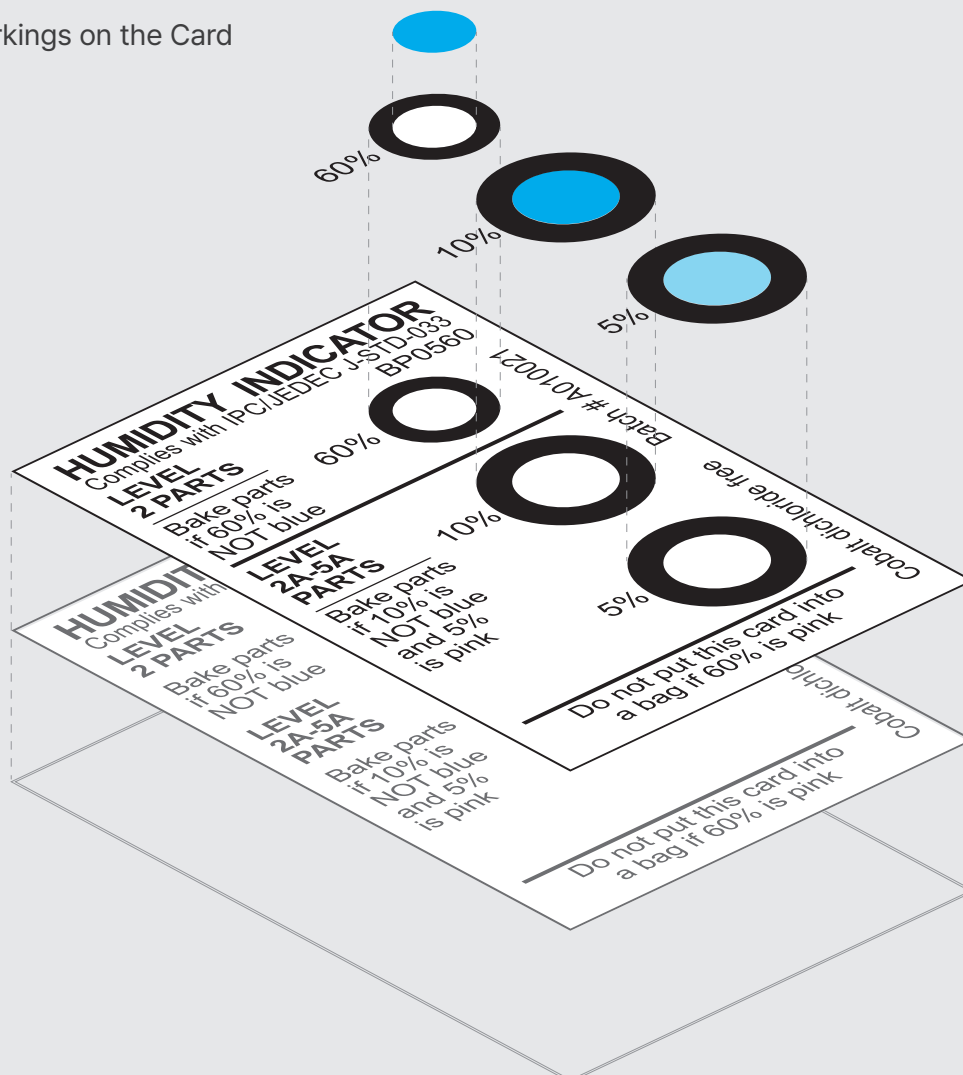
ISO1400  
ISO9001

Manufactured under ISO 9001 and ISO 14001 certified systems, and compliant with cobalt chloride (CoCl<sub>2</sub>) regulations, as well as JEDEC and MIL-SPEC requirements.

## Custom Humidity Indicator Cards

We provide humidity indicator cards tailored to your product and packaging requirements. We deliver optimized solutions based on your application and usage environment. All specifications can be customized, including color, size, and humidity range.

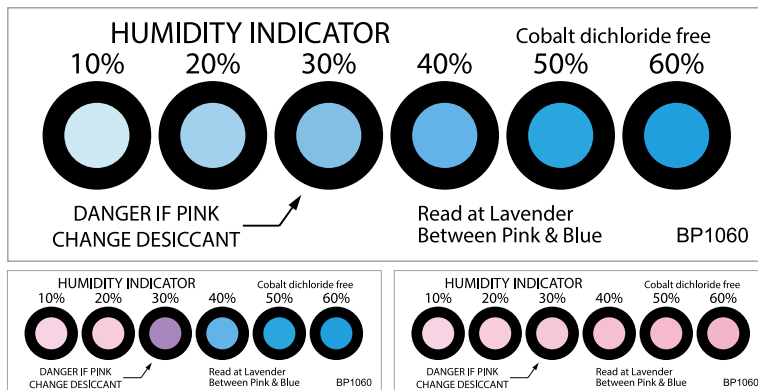
- 1 Number of Indicator Spots
- 2 Humidity Range
- 3 Color Options
- 4 Text / Markings on the Card



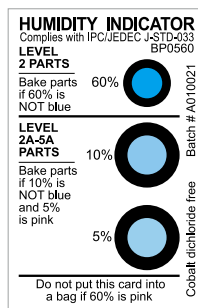
## BP Series

- Blue to Pink
- Cobalt Chloride-Free
- 100% Natural Pulp Paper
- $\pm 5\%RH$  (at 77°F / 25°C)

- 1BAG - 200pcs
- 1BOX - 10,000pcs

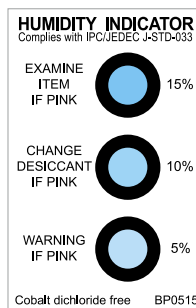


BP1060, 4.13×1.38 in (105×35 mm)

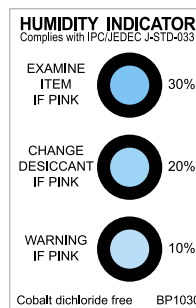


Model  
RH range(%)  
Card size(inches)

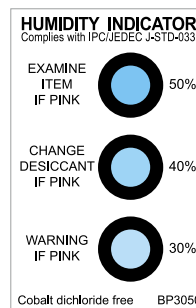
BP0560  
5 / 10 / 60  
1.77×2.76  
(45×70 mm)



BP0515  
5 / 10 / 15  
1.77×2.76  
(45×70 mm)



BP1030  
10 / 20 / 30  
1.77×2.76  
(45×70 mm)

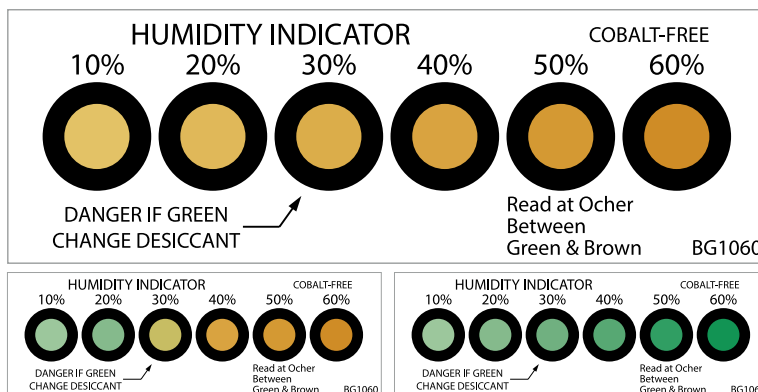


BP3050  
30 / 40 / 50  
1.77×2.76  
(45×70 mm)

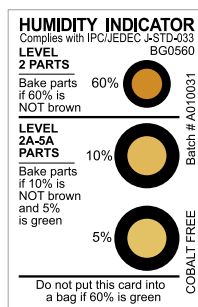
## BG Series

- Brown to Green
- Cobalt-free
- 100% Natural Pulp Paper
- $\pm 5\%RH$  (at 77°F / 25°C)

- 1 Bag - 200 pcs
- 1 Box - 10,000 pcs

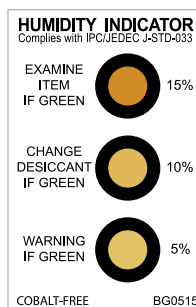


BG1060, 4.13 × 1.38 in (105 × 35 mm)

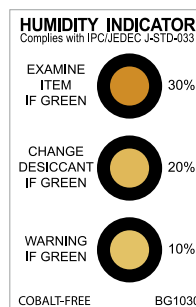


Model  
RH range(%)  
Card size(inches)

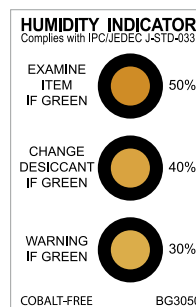
BG0560  
5 / 10 / 60  
1.77×2.76  
(45×70 mm)



BG0515  
5 / 10 / 15  
1.77×2.76  
(45×70 mm)



BG1030  
10 / 20 / 30  
1.77×2.76  
(45×70 mm)

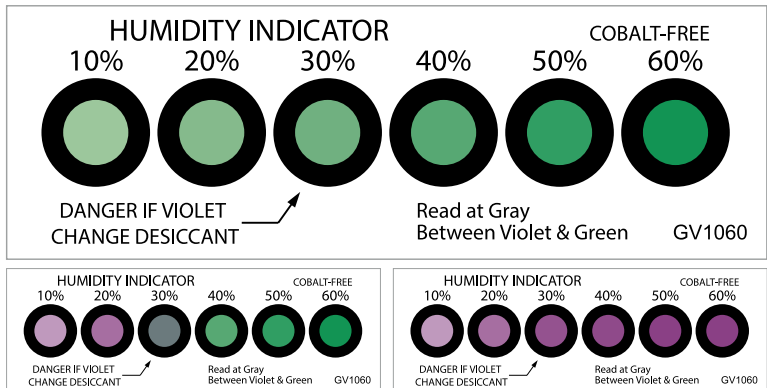


BG3050  
30 / 40 / 50  
1.77×2.76  
(45×70 mm)

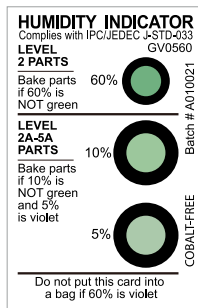
## GV Series

- Green to Violet
- Cobalt-free
- 100% Natural Pulp Paper
- $\pm 5\%RH$  (at 77°F / 25°C)

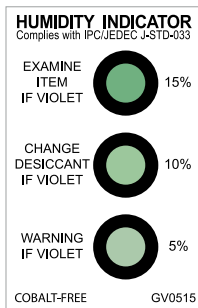
- 1 Bag - 200 pcs
- 1 Box - 10,000 pcs



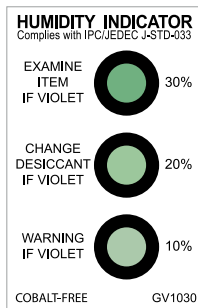
GV1060, 4.13×1.38 in (105×35 mm)



Model GV0560  
RH range(%) 5 / 10 / 60  
Card size(inches) 1.77×2.76  
(45×70 mm)



Model GV0515  
RH range(%) 5 / 10 / 15  
Card size(inches) 1.77×2.76  
(45×70 mm)



Model GV1030  
RH range(%) 10 / 20 / 30  
Card size(inches) 1.77×2.76  
(45×70 mm)

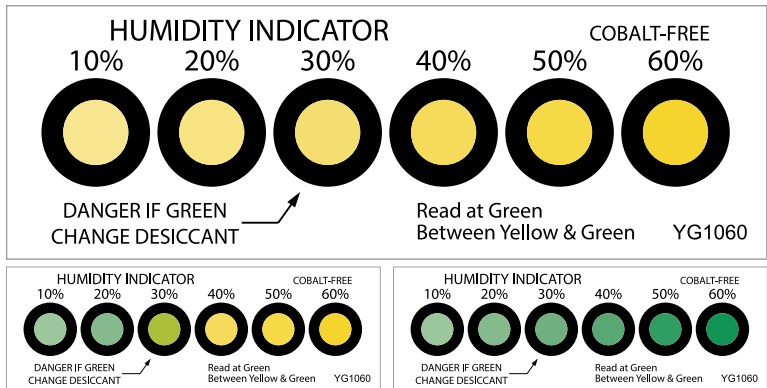


Model GV3050  
RH range(%) 30 / 40 / 50  
Card size(inches) 1.77×2.76  
(45×70 mm)

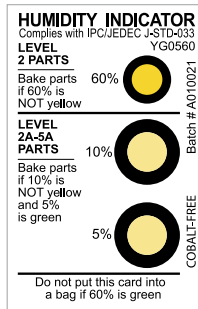
## YG Series

- Yellow to Green
- Cobalt-free
- 100% Natural Pulp Paper
- $\pm 5\%RH$  (at 77°F / 25°C)

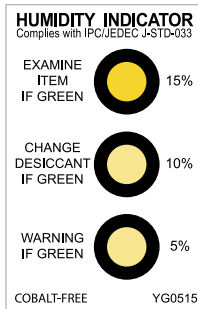
- 1 Bag - 200 pcs
- 1 Box - 10,000 pcs



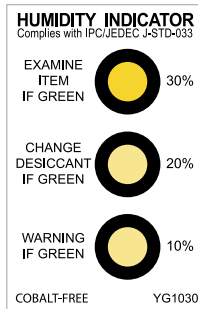
YG1060, 4.13×1.38 in (105×35 mm)



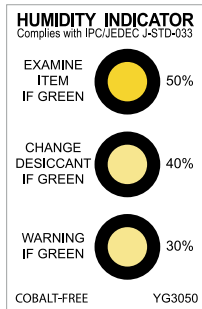
Model YG0560  
RH range(%) 5 / 10 / 60  
Card size(inches) 1.77×2.76  
(45×70 mm)



Model YG0515  
RH range(%) 5 / 10 / 15  
Card size(inches) 1.77×2.76  
(45×70 mm)



Model YG1030  
RH range(%) 10 / 20 / 30  
Card size(inches) 1.77×2.76  
(45×70 mm)



Model YG3050  
RH range(%) 30 / 40 / 50  
Card size(inches) 1.77×2.76  
(45×70 mm)

## CUSTOMIZED PRODUCTS

|                   |                         |                         |                             |
|-------------------|-------------------------|-------------------------|-----------------------------|
|                   |                         |                         |                             |
| Model             | BP70sticker             | BP3050sticker           | BP1060sticker               |
| RH range(%)       | 70                      | 30 / 40 / 50            | 10 / 20 / 30 / 40 / 50 / 60 |
| Card size(inches) | 1.57×1.57<br>(40×40 mm) | 1.42×2.05<br>(36×52 mm) | 3.35×1.12<br>(85×28.5 mm)   |

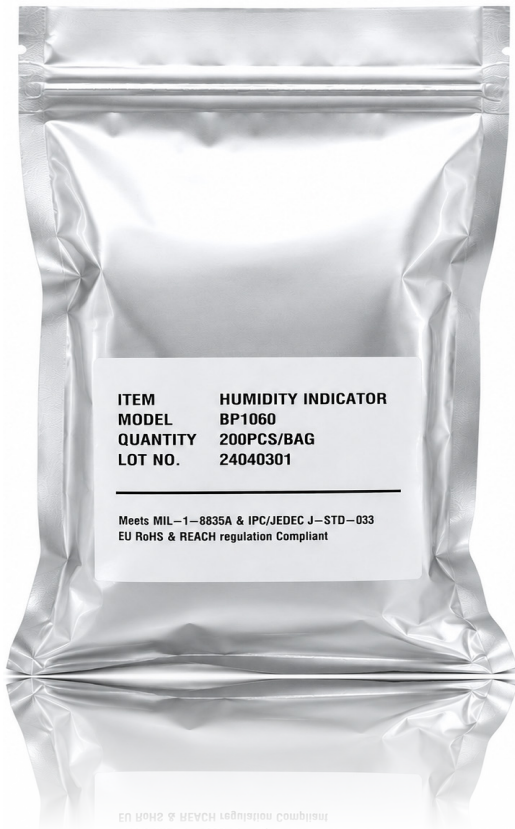
|                   |                   |                             |                           |
|-------------------|-------------------|-----------------------------|---------------------------|
|                   |                   |                             |                           |
| Model             | BP3456P           | BP1060s                     | BP6090                    |
| RH range(%)       | 30 / 40 / 50 / 60 | 10 / 20 / 30 / 40 / 50 / 60 | 60 / 70 / 80 / 90         |
| Card size(inches) | 0.89<br>(22.5 mm) | 3.35×1.20<br>(85×30.5 mm)   | 2.85×1.38<br>(72.5×35 mm) |

|                   |                         |                         |                         |
|-------------------|-------------------------|-------------------------|-------------------------|
|                   |                         |                         |                         |
| Model             | BP2040D                 | GV2040D                 | YG2040D                 |
| RH range(%)       | 20 / 30 / 40            | 20 / 30 / 40            | 20 / 30 / 40            |
| Card size(inches) | 2.36×1.34<br>(60×34 mm) | 2.36×1.34<br>(60×34 mm) | 2.36×1.34<br>(60×34 mm) |

|                   |                         |
|-------------------|-------------------------|
|                   |                         |
| Model             | GV1S30                  |
| RH range(%)       | 30                      |
| Card size(inches) | 2.95×1.97<br>(75×50 mm) |



## Packaging Specifications



The product is supplied in an aluminum bag containing 200 humidity indicator cards and one desiccant.

The bag features a zipper closure and is delivered sealed.

\* The number of cards may vary depending on the model.

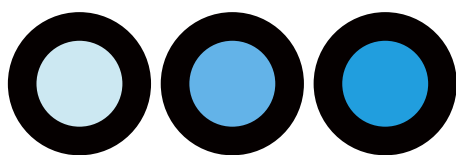
## Handling & Storage

- 1) Handling
  - Precautions
    - Store away from extreme temperatures, high humidity, and direct sunlight.
    - Do not touch the indicator spots on the humidity indicator card with bare hands.
    - Do not ingest the card.
  - Shelf Life
    - Unopened: 1 year from the date of manufacture
    - After opening: 3 months from the date of opening
- 2) After Opening
  - After opening, store the product in the aluminum bag or an airtight container with a desiccant.
  - Do not leave the product exposed for more than one month after opening.
- 3) Disposal
  - Unusable or expired products may be disposed of as general household waste.

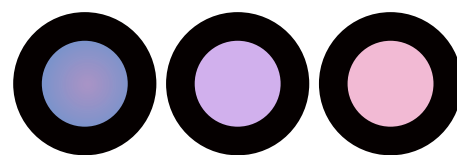
This card is intended as a supplementary tool for quality control.  
Final product quality shall be determined based on the customer's own quality management standards.

## HIC Reading Instructions

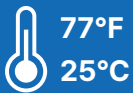
- »» A humidity indicator card is a simple hygrometer that changes color in response to humidity (relative humidity, RH).
- »» The humidity level in a given environment can be visually identified by observing the color change of each indicator spot.
- »» Under proper conditions, accurate humidity status can be confirmed within one hour



NORMAL



ATTENTION  
(READ INDICATOR SPOTS)



- Reference Temperature: 77 °F (25 °C)
- In extreme temperature environments, the response time may be slower or the card may not function properly.

**SEALED**

- For measurement, place the card in a sealed space requiring humidity monitoring and allow it to remain in place for up to one hour.

### Precautions

- 1) When All Indicator Spots Have Changed Color
  - If all indicator spots have changed color, discard the humidity indicator card.
  - Accurate measurement may not be possible if the card has been exposed to a high-humidity environment for an extended period.
- 2) Partial Color Change After Opening
  - If some indicator spots have changed color after opening, restore the card to its original color through a drying process before use.

## Contact Us

For detailed product specifications, application support, and customized orders, please feel free to contact us.

We grow together with our customers.

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**E-mail** [ivation@i-vision.co.kr](mailto:ivation@i-vision.co.kr)

# IVISION

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