

Humidity Indicator Card

1. PRODUCT DESCRIPTION

Name	Cobalt-free Humidity Indicator Card
Type	5-10-60% (Three dots)

2. PRODUCT COMPOSITION

Name	Water-Absorbing Paper	Indicator
Composition	Fibrous Material	Color-changing agent without Cobalt element

3. PRODUCT PICTURE FOR REFERENCE

4. SIZE & PACKING INFORMATION

Card Size	45*59mm
Packing Way	125pcs/can (40can/ctn, 5000pcs/ctn)
Carton	440mm*350mm*240mm

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5. QUALITY STANDARDS

- GJB2494-95 (Chinese standard)
- MIL-I-8835A (American Military Packing)

6. STORAGE

Hermetic packed HIC are stored in metal can with desiccant in it. Please replace desiccant after three times of opening. Keep in dry, cool place and avoid direct sunlight and soaking.

7. QUALITY REQUIREMENTS

Indicator dots need be sensitive to environment humidity changing and dots change color accordingly. If humidity in package reaches or exceeds certain degree, the dot which indicates this degree will change in color from yellow to light green. User can judge the humidity condition inside package from color changing.

8. TESTING INFORMATION

8.1 Testing Equipment: Temperature and humidity chamber. The chamber should have some transparent part through which users can observe inside HIC testing procedures. If the chamber is not transparent or just translucent, the chamber should have an enough big window for observation.

8.2 Procedures notes

8.2.1 The samples need be hung in the chamber for convenient observation from outside.

8.2.2 In the condition that RH is $5\% \pm 1\%$ lower than the critical RH indicated on the HIC and temperature is $73.5 \pm 2^{\circ}\text{F}$ ($23 \pm 1^{\circ}\text{C}$), samples should be kept in this static air environment for 24hours and indicator should change a little color. If it hasn't any change in color or change completely into green color, it shows the indicator is unqualified.

8.2.3 Repeat 8.2.2.

8.2.4 Dots which can meet 8.2.2 and 8.2.3 are regarded as humidity sensitivity qualified.