



## Brown Humidity Indicator – 100 % Cobalt Free



### Product description

Humidity indicators cards are used to inspect humidity inside packaging. Each spot is soaked with a moisture-sensitive chemical which changes from blue to pink when a certain Relative Humidity level is exceeded (MIL I 8835). The colour change is reversible (Jedec Type 1).

### Use

Humidity indicators have to be used together with desiccant bags inside packaging. The response time HICs is within an hour (it may vary according to the size of the packaging and to the needed relative humidity). If the target relative humidity is not achieved the integrity of the packaging and the quantity of desiccants inside the packaging should be checked. Do not touch indicating spots. Contact with grease and sweat may reduce HIC's accuracy.

Avoid contact between the colored spots and metal.

### Storage and handling

Keep the product in a dry and sheltered area with temp. above 0°C. HIC should be used immediately after removal from their packaging.

Shelf life of the product stored in the original packaging: 3 years.

Standards	
IPC/JEDEC J-STD-0099C	In conformity
RoHS 2011/65 directive	In conformity
EU 94/62 directive	In conformity
Reach regulation 1907/2006	100 % Cobalt II chloride free - 100 % SVHC free

Available types		
Spot number	RH %	Size
1	8 %	53x37 +- 3 mm
3	5-10-15 %	53x37 +- 3 mm
3	5-10-60 %	53x37 +- 3 mm
3	10-20-30 %	53x37 +- 3 mm
3	20-30-40 %	53x37 +- 3 mm
3	30-40-50 %	53x37 +- 3 mm
6	10-20-30-40-50-60 %	105,4x37 +- 3 mm



**BROWN SPOT → DRY**



**LIGHT BLUE SPOT → WET**



All information is based on our best current knowledge, it is no guarantee of the abovementioned product. Any user of this product is responsible for determining the suitability of Levosil's products for its particular application.