



# Humidity Indicator & Desiccator Plugs

## Purpose

Humidity indicator plugs are designed to indicate the relative humidity level within a sealed container without users having to open it. Desiccator plugs both indicate and control humidity levels within the container.

## What are they?

Humidity indicator plugs work much like humidity indicator cards but can be screwed into the outside walls of sealed containers. Made of aluminum, brass or stainless steel, they feature large, clear viewing windows for easy reading of humidity levels within the container. In the case of desiccator plugs, a desiccant tube extends from the indicator into the container to keep products dry.

## Why use them?

Sensitive goods are often housed in containers that either should not or can not be opened until use. By installing humidity indicator or desiccator plugs into the walls of these containers, users can ensure that goods are housed at safe humidity levels without exposing them to external elements while humidity levels are checked.



*Desiccator plugs, including porous desiccator attachments, both monitor and control the humidity levels within a sealed container.*

## Typical applications

- ✓ Military
- ✓ Radar instrumentation
- ✓ Night vision instrumentation
- ✓ Aerospace
- ✓ Metals
- ✓ Transportation systems
- ✓ Hydraulic systems
- ✓ Electronic equipment



*With humidity indicator plugs, users can visually inspect the humidity inside a sealed container without opening it.*

## Available configurations

Süd-Chemie's humidity indicator and desiccator plugs are available in a variety of sizes and configurations, detecting anywhere from 5 to 95 percent relative humidity. Plugs are compatible with rigid-wall equipment and electrical housings, as well as most flexible barriers. Desiccator plugs are primarily designed for small containers, mechanical boxes or sealed instruments where space is limited.

Plugs are adaptable to virtually all applications for Method II packaging of Mil-Std-2073-1D Method 50 and AS26860 aerospace specifications. Compact plugs are designed to be leak-resistant and temperature-proof, and to withstand shock and vibration.

## Usage Requirements

Mount Süd-Chemie's humidity indicator plugs internally on flexible barriers, plastic and fiber bags, rigid equipment, electrical housing and other humidity-controlled spaces.

Indicators are reversible and fluctuate with current relative humidity levels. Indicators are accurate within 5 percent when read at 75°F.

## Storage and Handling

- ▶ Store plugs in their original shipping container until ready for installation.
- ▶ Do not put indicators in direct contact with water or steam, as they are water-soluble. Ammonia gases will also damage indicators.

Süd-Chemie Australia  
ABN: 55 069 335 208  
12 Peachtree Rd  
Penrith NSW 2750

P: +61 2 47321421  
F: +61 2 47321678  
E: [info.australia@sud-chemie.com](mailto:info.australia@sud-chemie.com)  
[www.sud-chemie.com.au](http://www.sud-chemie.com.au)

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