



# Container Dri® II

## Line of Cargo Desiccants

### Purpose

To eliminate mold, corrosion, mildew, spoilage, warping, and other harmful effects of moisture during shipping via container, rail, barge or truck.

### What is it?

Container Dri® II is a line of specially designed cargo desiccants aimed at protecting cargo during shipping by aggressively absorbing moisture from the air. In doing so, Container Dri II reduces dew point temperature (the temperature at which condensation begins to form, causing "container rain"), keeping cargo safe and dry.

The Container Dri II line includes several configurations to best fit different needs and modes of transport.

### Why use it?

As goods move through intermodal systems, they are susceptible to damage from excessive moisture. Container Dri II adds a level of protection by reducing dew point to avoid the accumulation of condensation.

Container Dri II absorbs up to three times its weight in moisture, and through an advanced formula, traps it as a thick, no-spill gel. Container Dri II has the ability to protect shipments from start to finish, through all temperature ranges and relative humidity variances.

### Available configurations

Container Dri II is available in 125-gram bags, either with or without adhesive backing.

Container Dri II-Strip, composed of 6 continuous adhesive bags, is the only cargo desiccant on the market with an adhesive backing that ensures easy installation onto the walls of shipping containers.

Container Dri II-Plus is a specialized configuration for installation in rail, barge or shipping containers where hanging and suspending of the desiccant is preferable.

### Usage Recommendations

Generally, 32, 125-gram bags of Container Dri II are recommended for 20-foot shipping containers, and 64 bags for 40-foot shipping containers. Ten to twelve Container Dri II-Plus bags are recommended for 40-foot containers and standard box and hopper rail cars. The number may vary depending on shipping conditions and the nature of the products being protected. Süd-Chemie works with customers to determine the optimal number of bags needed to protect goods for the duration of their journey.

*(Turn over for technical performance data)*



*Container Dri® II protects cargo during shipping by preventing "container rain" that can damage goods. It is available in both strip and single configurations.*

*Container Dri II-Plus is configured to be easily hung and suspended in containers, rail cars and river barges.*



*Container Dri II-Strip easily fits into the grooves of container walls, applied using its adhesive backing.*

### Typical applications:

- ✓ Automotive
- ✓ Bulk packaged grains and milled products
- ✓ Food
- ✓ Powders
- ✓ Glass
- ✓ Wood
- ✓ Pet food
- ✓ Canned goods

### Distributed by:



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# Container Dri<sup>®</sup> II

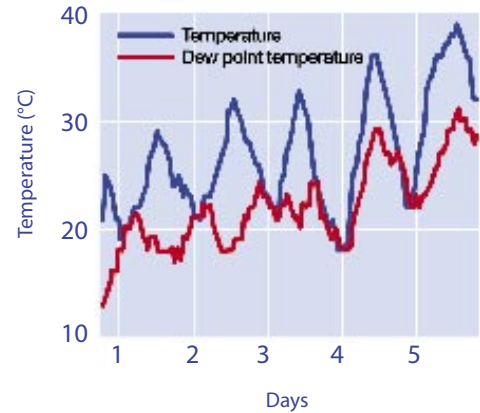
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### Technical Performance Data

- ▶ At 90 percent RH, 25 degrees C, the absorption capacity of each bag will be approximately 280 percent of its weight.
- ▶ Container Dri II continues to reduce the relative humidity down to levels below 40 percent RH, which decreases the dew point temperature even further.
- ▶ Container Dri II has the ability to protect shipments from start to finish, through all temperature ranges and relative humidity variances.

### Transport without dew point control

Condensation occurs when surface temperature and dew point temperature are equal.



### Dew point control using Container Dri II

Dew point temperature is kept below surface temperature, preventing condensation and moisture damage.

