



# Container Dri<sup>®</sup> II

## Purpose

To eliminate mold, corrosion, mildew, peeling labels and other harmful effects of moisture during shipping and storage.

## What is it?

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

## Why use it?

As goods move through intermodal systems, they are susceptible to water damage, condensation and spoilage. Container Dri II adds a new level of protection in climate controlled containers by ensuring moisture reduction.

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. By using Container Dri II in refrigerated or non-refrigerated containers, cargo will remain fresh for an extended period of time in dryer atmospheric conditions.

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 both strip and single varieties. Container Dri II Strip is the only solution on the market with an adhesive backing that ensures easy installation onto the walls of shipping containers or inside storage warehouses. Individual bags can be placed between stacks of cargo.

Container Dri II is made of completely safe, non-toxic materials and can be disposed of with regular waste.

## Usage Requirements

Generally, 32, 125-gram bags of Container Dri II are recommended for 20-foot shipping containers, and 64 bags are recommended for 40-foot containers. The number may vary depending on shipping conditions and the nature of the products being protected. Süd-Chemie Performance Packaging, a business unit of Süd-Chemie Group, works with customers to determine the optimal number of bags needed to protect goods for the duration of their journey. Bags are placed with cargo print-side-up or adhered to the sides of the container walls.



*Container Dri<sup>®</sup> 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 Strip fits easily into the grooves of container walls.*



*Container Dri II protects all types of cargo, from canned goods, produce and powders to automotive parts, wood and glass.*

## Typical applications:

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

**SÜD-CHEMIE**  
Creating Performance Technology



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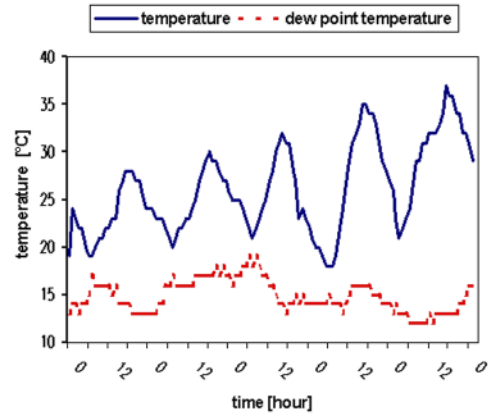
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## Technical Performance Data

- ▶ At 90 percent RH at 25 degrees, 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.

## With Container Dri II

*Dew point temperature is kept below temperature, preventing condensation.*



## Without Container Dri II

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

