

# 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 several configurations to best accommodate different modes and methods of shipping.

- Container Dri II (125 g)--individual bags either with or without adhesive backing.
- Container Dri II-Strip (750 g)--adhesive strips for installation onto the walls of shipping containers.
- Container Dri II-Pole (750 g)--designed for easy hanging inside shipping containers.
- Container Dri II-Pack (750 g)--configured in a hard shell to be hung and suspended high in a container.
- Container Dri II-Plus (1500 g)--complete with a hook and strap system that can be hung and suspended inside containers, river barges and rail cars.



*Container Dri® II protects cargo during shipping by preventing “container rain” that can damage goods. It is available in various convenient configurations. (Top: Container Dri II Plus, L: Strip, R: Pole)*

### Key Points

- Protects cargo during intermodal shipping from damaging affects of moisture.
- Controls dew-point, avoiding “container rain.”
- Typical applications include agricultural products, canned goods, automotive parts, powders, glass and woods.

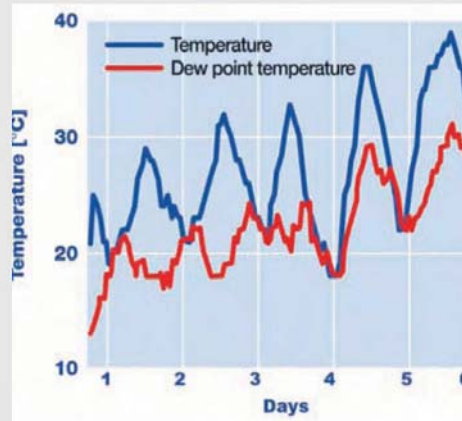
# Container Dri® II

## Usage Recommendations

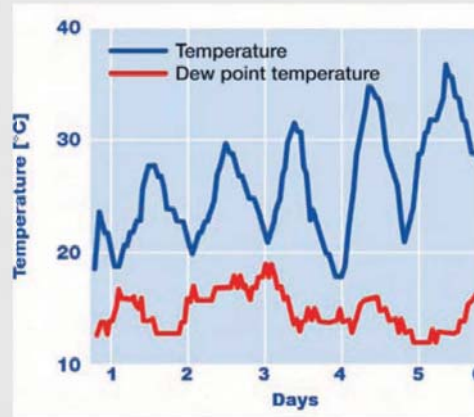
Generally, 32 to 36, 125-gram bags of Container Dri II are recommended for 20-foot shipping containers, and 64 to 72 bags for 40-foot shipping containers. 5 to 6 Container Dri II-Plus bags are recommended for 40-foot containers and standard box and hopper rail cars. The number may vary depending on shipping conditions and the nature of the products being protected. Süd-Chemie Performance Packaging works with customers to determine the optimal number of bags needed to protect goods for the duration of their journey.

## 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.



**Transport with dew point control**  
Dew point temperature is kept below surface temperature, preventing condensation and moisture damage.



Container Dri® II



Container Dri® II-Strip



Container Dri® II-Plus



Container Dri® II-Pole

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