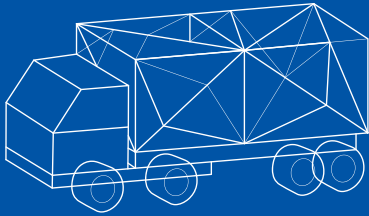


Line of Cargo Desiccants Container Dri® II

CLARIANT



CONTAINER DRI® II



Purpose

To protect cargo from the harmful effects of moisture damage during shipping via container, rail, or truck.

What is it?

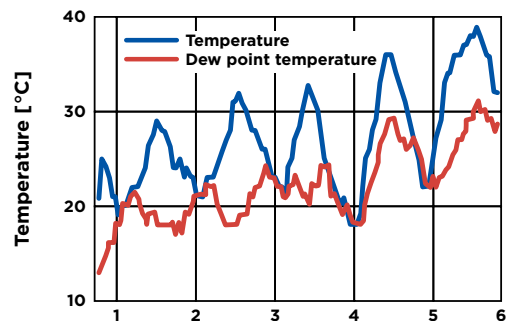
Container Dri®II is a line of specially designed cargo desiccants aimed at protecting cargo during shipping by aggressively absorbing moisture from the air. In doing so, Container Dri® II reduces dew point temperature (the temperature at which condensation begins to form, causing “container rain”), keeping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

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

Why use it?

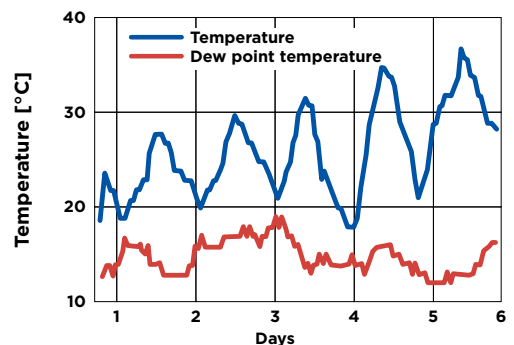
As goods move through intermodal systems, they are susceptible to damage from excessive moisture. Container Dri® II adds a level of protection by reducing dew point to avoid the accumulation of condensation. Container Dri® II absorbs up to three times its weight in moisture, and through an advanced formula, 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, and continues to reduce the relative humidity down to levels below 40 percent RH, which decreases the dew point temperature even further.

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 Packaging and usage

Available Configurations

Container Dri®II is available in several configurations to best accommodate different modes and methods of shipping. The number may vary depending on shipping conditions and the nature of the products being protected. Clariant works with customers to determine the optimal number of bags needed to protect goods for the duration of their journey.

Absorption capacity (Approx. 125 g per bag:)

> 400 % or approx. 500 g H₂O per bag at 95 % rel. humidity and 40 °C



– **Container Dri® II**
Bags either with or without adhesive backing
B012660/26329127656
255 x 145 mm, 125 g
Usage recommendation
40" Container: 60 – 90 pcs.



– **Container Dri® II 6-Strip**
Adhesive strips for installation onto the walls of shipping containers
B012668/25225627656
1520 x 145 mm, 750 g
Usage recommendation
40" Container: 10 – 15 pcs.



– **Container Dri® II Pack 1500**
Configured in a hard shell to be hung and suspended high in a container
B012665/26013427690
430 x 470 x 50 mm, 1500 g
Usage recommendation 40" Container: 5 – 8 pcs.



– **Container Dri® II Pack 750**
Configured in a hard shell to be hung and suspended high in a container
B012664/26013328915
430 x 235 x 50 mm, 750 g
Usage recommendation
40" Container: 10 – 15 pcs.

– **Container Dri® II Blanket**
3 x 4 125 g Adhesive with tapes
B012140/25093827656
430 x 235 mm, 1500 g
Usage recommendation 40" Container: 5 – 8 pcs.

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Sustainability Data Sheet

CARGO PROTECTION



Container Dri® II protects cargo from the damaging effects of moisture during shipping and transport. Its high performance enables more absorption with less desiccant, making it a cost effective and economical solution.

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PEOPLE

- SAFE USE, TRANSPARENCY AND INFORMATION**
- Dimethyl Fumarate Free (DMF) – non-toxic
 - Safe and easy to handle
 - No SVHC (Substances of very high concern)

- ADDRESSING MEGATRENDS AND SOCIETAL NEEDS**
- Avoids waste, re-work and re-production of goods damaged by moisture
 - Protection of food during transport to prevent loss and waste
 - Helps to maintain quality of food and food ingredients



PLANET

- RAW MATERIALS AND SUSTAINABLE SOURCING**
- Use of renewable raw materials

- RESOURCE EFFICIENCY AND ENVIRONMENTAL PROTECTION**
- Best-in-class moisture absorption allows lower dosage, higher loading efficiency and lower waste on the receiving end
 - Dispose with normal industrial waste

PERFORMANCE

- INTEGRATED SUSTAINABLE BUSINESS**
- Clariant packaging specialists support packaging designers to develop most effective solution for avoiding moisture damage to cargo

- PERFORMANCE ADVANTAGES**
- Best-in-class moisture absorption
 - Product configurations to meet various customer needs and applications

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