

Gel 1kg Hanging Desiccant



absorbs
300%*

- ✓ high moisture absorption
- ✓ no liquid water collection
- ✓ easy to use
- ✓ suitable for tightly loaded containers
- ✓ no loss of cargo space
- ✓ protects loads throughout their journey
- ✓ environmentally friendly, no toxic materials

The Gel 1kg desiccant is a powerful container desiccant. Using a calcium chloride and starch mixture each unit can capture 3 litres of moisture.

Moisture is captured in the form of a gel, an irreversible reaction eliminating any possibility of leakage.

The Gel 1kg desiccant features a hook allowing the units to be hung vertically from the containers' lashing hooks.



all-round absorption



hook



versatile

The Power of Calcium Chloride

The 1 kg Gel Desiccant is one of the most powerful desiccants available.

The active ingredient calcium chloride absorbs moisture from the surrounding air as soon as exposed to air.

Trapped moisture is then bound in a viscous gel ensuring moisture once captured can no leak or re-evaporate.



*Absorption rate refers to ability to absorb based on the products weight.



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Product Specifications

Dimensions: 800mm (l),
150mm (w), 20mm (d)

Working temperature: -5°C
to +90°C

Bag Construction: Tyvek
inner lining, + PE/PP + Non-
woven outer layer bag

Active Ingredient: Calcium
Chloride (CAS registry
number 10043-52-4)

Absorption capacity: Up to 3
litres

Suitable for:

- ✓ Bulk loads
- ✓ Steel & Machinery
- ✓ Textiles and leather
- ✓ Agricultural products

Units needed

Approximate number of units needed to
protect your cargo:

Container Size	Units Required
20"	4 - 6
40"	8 - 10



The quantity needed will vary depending on various factors such as shipment time, climatic conditions during the shipment, air volume in the container, type of packaging used, cargo type etc.

Pro-Ex can assist you to calculate the exact number of desiccant units you will need in your unique circumstances.



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Features



High Absorption

Absorbs 3x its own weight in moisture - 3 litres!



No Leakage

Captured water forms a gel, so no risk of leakage



Broad Application

Can be used when temperatures range -5°C to +90°C



No Re-evaporation

Trapped in a gel, there is no risk of moisture being released

Packing Configuration

10 desiccant bags per carton. Each desiccant bag is individually packed in an airtight high quality polypropylene bag.



Shelf Life

24 months from date of delivery if stored in a dry warehouse with moderate humidity and if packaging remains unopened.

Once opened the desiccant will start working immediately. The desiccant should be stored in air tight packaging until required.

Disposal

This is a single-use product and can be disposed as regular waste.



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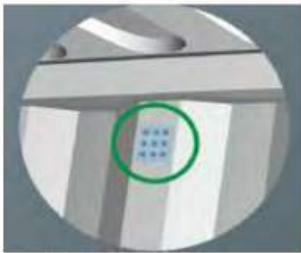


Installation

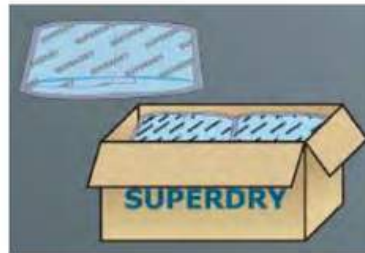
The Gel Desiccant is simple to install.

Each unit features a hook which can be hung vertically from the containers lashing hooks.

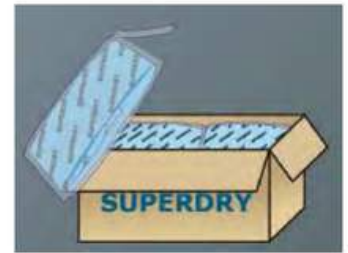
The units are a space saver, as they sit snugly around the container panels maximising the available space within the container.



1. Seal air vents and inspect container



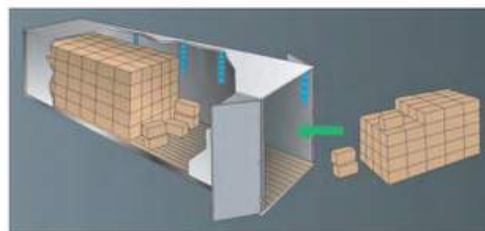
2. Remove desiccant from carton



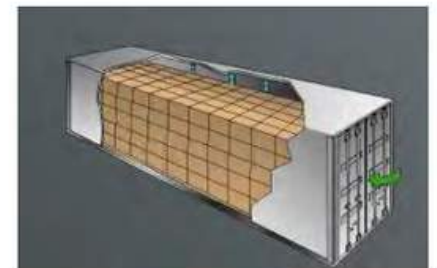
3. Open the outer plastic bag



4. Hang desiccant from ceiling hooks

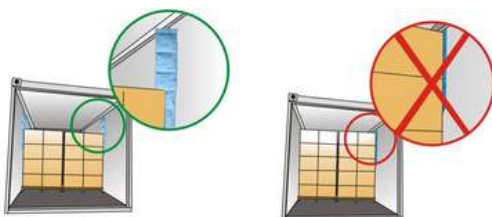


5. Load cargo leaving a gap between cargo and desiccant.

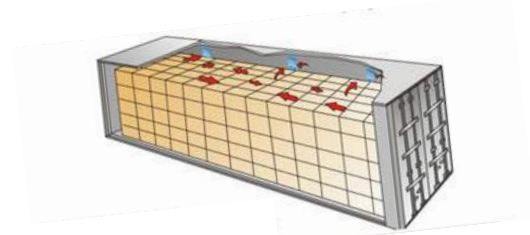


6. Seal the door as soon as items are loaded.

Tips



Make sure the desiccant is not obstructed by cargo



Leave enough space for air flow within the container.

