



# PROPADRY® System

To solve problems caused by:



Atmospheric agents



Climatic conditions



Internal humidity



Salt air



Condensation



## Long protection against humidity

**PROPADRY** is a new and revolutionary product line that Propagroup developed to prevent humidity in closed spaces and packages, thus protecting the quality of your goods.

It is well known that moisture inside freight containers is one of the main causes of product damage during transportation and storage.

In closed environments, in fact, humidity in the air combined with the one deriving from the evaporation of water contained in the load, virtually tends to create a tropical microclimate that allows infiltration of water vapor into the packages transported. The result is the creation of condensation that continuously forms and dries, causing irreparable damages.

Preventing condensation formation of in containers is fundamental to protect and preserve the quality of your good.

**PROPADRY** is an environment friendly product, easy and safe to use allowing to obtain big results:

- the containment of the trapped water is safe thanks to the micro-porous one-way membrane
- the quality of your products is assured from production to delivery reducing any possible claim
- setting up time reduction with **PROPADRY CHAIN**





**PROPADRY SYSTEMS** absorb up to four times their weight, they are easy to be positioned and can be used for any type of container or package and are available in the following typologies:

- **ROPADRY** attracts humid air through a special one-way membrane and traps the moisture converting it into water, preventing new cycles of evaporation and condensation.
- **PROPADRY PLUS** converts the moisture into gel by special additives. Humidity is permanently trapped preventing its re-evaporation in the air.
- **PROPADRY MINI** is suitable to be used in small places. It is also available by request in **PLUS** version.
- **PROPADRY CHAIN**: has been developed to reduce the time of setting up into containers. It is available by request in **PLUS** version.
- **PROPACONTAINER** absorbs the moisture into a bag which contains a mixture of mineral and calcium chloride.

## HOW DOES IT WORK PROPADRY?



**M:** Propadry absorbs moisture through a special breathable membrane.

**D:** The product contained in the tray turns moisture into drops.

**L:** The liquid is safely stored inside the tray.

Propadry Plus works in the same way, but in this case humidity turns into gel and not to liquid.

