

2018.6

Drykeeper



What is Drykeeper?

Drykeeper is a moisture absorbing sheet formed from synthetic rubber and a super absorbent polymer. It is halogen-free and environmentally friendly. While traditional moisture absorption products come in pellet or powder form, Drykeeper is a thin sheet covered in a non-woven material. Drykeeper is extremely easy to handle and to fit any space (or place).

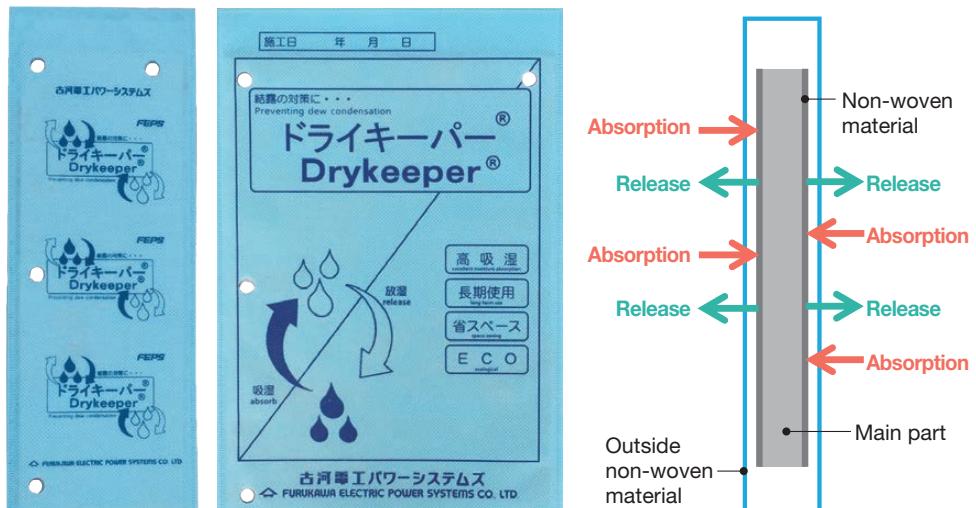


Business card size
(50×100mm)

A5 size
(150×210mm)

A5L size
(105×300mm)

A4 size
(210×300mm)



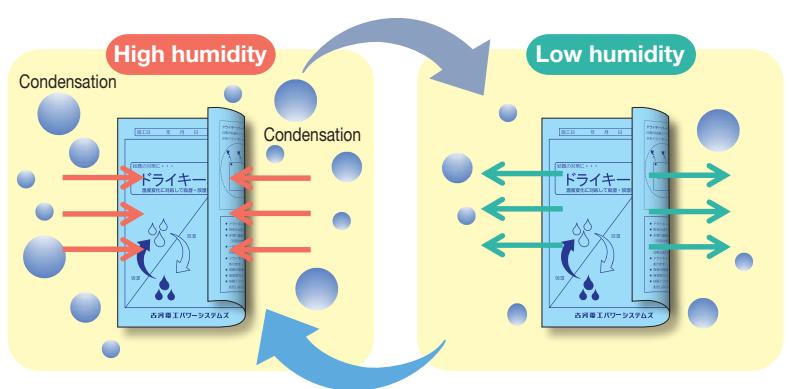
Outside non-woven material

Absorption → Release ← Absorption → Release ← Absorption → Release ← Absorption →

Main part

How Drykeeper Works

Drykeeper absorbs moisture during high humidity and releases moisture during low humidity. This reversibility allows it to maintain a constant level of humidity. Drykeeper continues to dehumidify over a long period of time thanks to this extreme function for humidity conditioning, and effective result in dealing with anti-condensation.



Moisture in the enclosure is absorbed, and the level of humidity is reduced.

Moisture sealed in the main part is released within the enclosure.

Applications

- Distribution/control panels
- Emergency telephones along railway lines
- Railroad crossing gates
- Utensil boxes
- Surveillance cameras
- Speed limit display panels
- Mega solar PCS equipment/ connection boxes
- Other consumer use (closets/shoe racks)

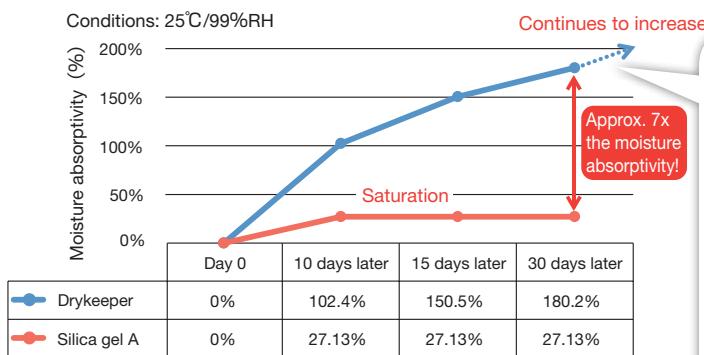


Drykeeper Features

Superior absorption performance

Absorbs moisture without any saturation, even in high humidity

Absorption performance

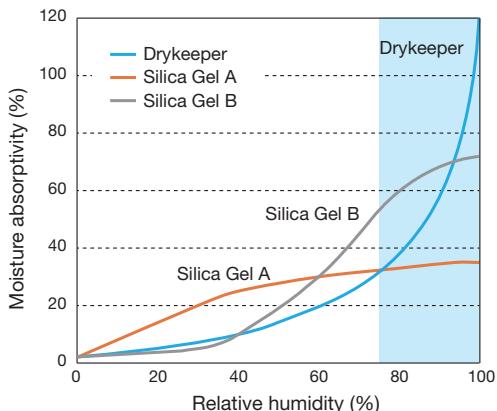


*Moisture absorptivity = Percentage change in weight

* These figures are based on actual measurements and are not guaranteed.



Isothermal moisture absorption performance comparison between Drykeeper and Silica Gel A/B



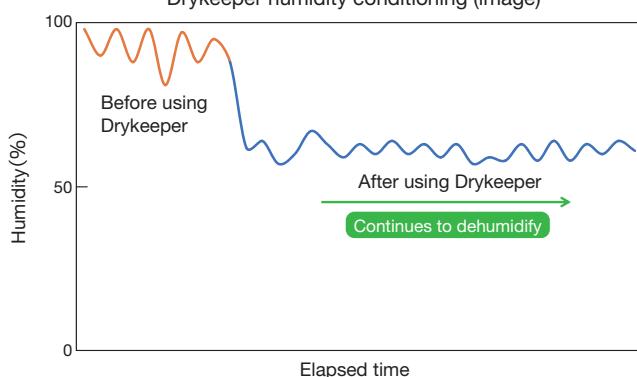
Can be used over a long period of time

Drykeeper continues to dehumidify over a long period of time thanks to its humidity absorption/release function.

Works fine even at sub-zero temperatures

Drykeeper does not harden, even if absorbed moisture freezes below zero.

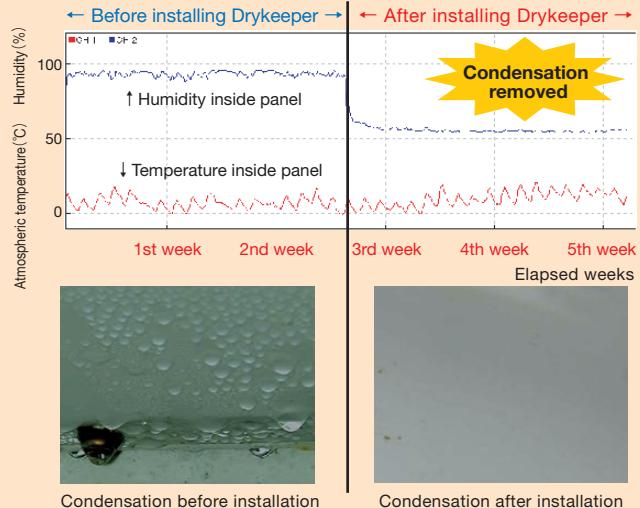
Drykeeper humidity conditioning (image)



Easy disposal

Drykeeper is environmentally friendly and does not include any substances of concern, so it can be disposed of in the regular trash.

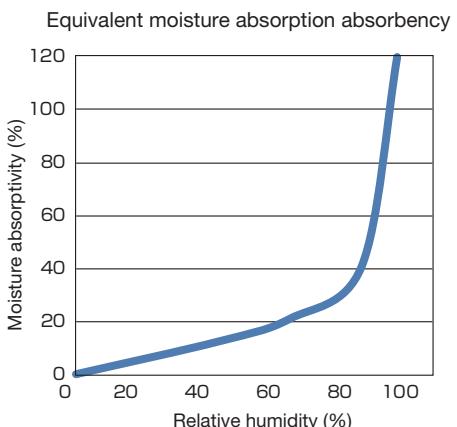
Humidity variation when set in a small distribution panel



Drykeeper Specifications

Specifications

Absorbency	0.8g (H ₂ O)/1g (product) Conditions: 25°C, 95% RH or higher
Allowable temperature	-30°C~90°C
Regeneration dehydration temperature	80°C or lower



Dimensions/packaged quantity

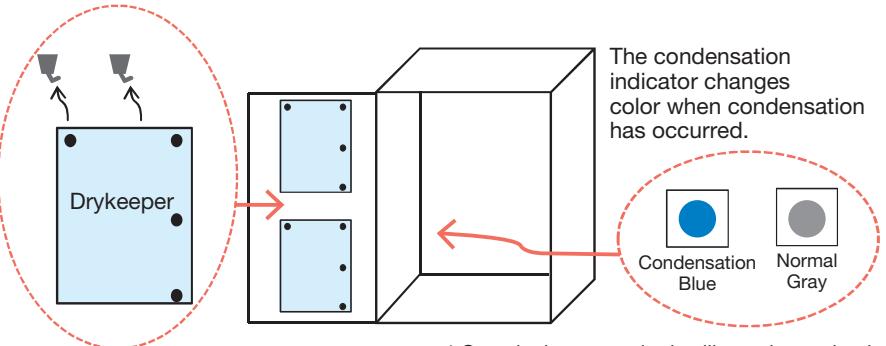
Product size	Thickness (mm)	Width (mm)	Length (mm)	Mass (g)	Packaged quantity
A4 size	2	210	300	160	10 sheets/box
A5L size	2	105	300	80	20 sheets/box
A5 size	2	150	210	80	20 sheets/box
Business card size	2	50	100	13	100 sheets/box

* Contact us for information on thin, atypically shaped, or flame resistant types.

Installation Method

Use the included adhesive hook to install Drykeeper (A4) inside the enclosure of the panel or the like.

Attach the included condensation indicator wherever it is needed inside the enclosure.



- Drykeeper must never be soaked in water.
- Use in an airtight space.

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