# **PHARMA** & FOOD

# **Desiccant solutions for use in packaging** for nutraceuticals and medicinal products





Development and production of customised desiccant solutions

 ISO-certified GMP-compliant in accordance with FDA regulations

# MINI DRYY® SACHET | MINI DRYY® STRIP

# For inclusion in pharmaceutical and nutraceutical packaging

- High adsorption capacity
- Safe product ingredients
- Large selection of standard grammages (0.5 to 14g), customised products on request

#### **Granulate materials**

#### Silica gel

(saturation indicator optional) for dehumidification





#### Molecular sieve

Dehumidification even at very low ambient humidity



#### Activated carbon + silica gel

Dehumidification and adsorption of odours







### **Bag materials**

- Tyvek
- · PE-coated non-woven
- Aihua paper

Other paper or film based bag materials on request

### **Sealing types**









Mini Dryy\*

Visible Lap Seal

Fin Seal





Print mark Punch hole

# **Separation markers** (only Mini Dryy® Strip)

# CAP DRYY® | CAN DRYY® | TAB DRYY®



### Cap Dryy®

- Desiccant capsules for embedding in the lid of bottle-shaped containers
- · Also suitable for adding directly to the product in the packaging itself
- Fast moisture adsorption, alternative to conventional desiccant bags
- Tear-resistant casing
- · Silica gel as drying agent (saturation indicator optional), molecular sieve on request
- Standard grammages 0.5 30 g (customised products on request)



### Can Dryy®

- Desiccant canisters / cylinders for adding to packaged tablets, coated tablets or capsules
- · Suitable for automated insertion into containers at high speed
- · Laser engraving on the canisters / cylinders, does not contain any ink
- · Filled with silica gel by default (molecular sieve, activated carbon or mixtures on request)
- Standard grammages 0.5 3g (customised products on request)



### Tab Dryy®

- Molecular sieve-based desiccant tablets
- Two variants available, with and without paper wrapping
- Achieves high adsorption capacity at low humidity, can limit humidity in medical packaging and devices to below 10% RH
- Available in various shapes, diameters, lengths and thicknesses
- Also available as a silica gel + activated carbon tablet on request

#### A selection of our customers

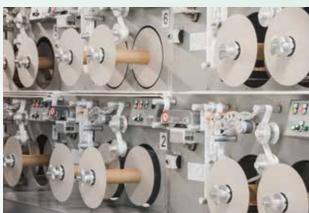














## Rely on the desiccant specialists!

### **Expertise**

Desiccants and dehumidifiers have been our speciality since 1999. We serve interrnational customers from the pharmaceutical industry since 2013. Our experienced team solves problems and finds innovative approaches, taking customerspecific requirements into account.

### **Speed**

Short distances and corresponding flexibility in the coordination and realisation of projects are advantages of our medium-sized company. We act and react quickly to all customer concerns.

### **Own production**

At our site in Lütau, Schleswig-Holstein, we develop and produce customised, highly active solutions for dehumidification. Customer support is provided from our German headquarters - if required, we can also visit you on site.

### Strong network

With production partners in the USA and China, we can serve a wide range of customer needs. We deliver reliably with all the necessary certificates.

**Customer service overall score: Very good** Source: Monthly customer survey since 2017





Follow us on LinkedIn





ThoMar OHG Basedower Weg 10 21483 Lütau, Germany +49 (0)4153-55900-0 info@thomar.de pharma-food.thomar.de



