

Hygroscopic Film Active Pack

# ACTIVE PACK®

Active Pack is functionality film laminated with hygroscopic sealant on AL or PET film. Without the use of desiccant pack like before, it can keep a low-humidity package environment and the product absolute dry.

## ■ Application

- Pharmaceuticals, Powdery chemical substance
- High-performance film
- Diagnostic kits
- Health supplements
- Food
- Industrial parts, Medical equipment



## ■ Characteristics

### 1. Safety

- There are no risks concerning intake by mistake or accidental ingestion of desiccant.
- The product cannot be contaminated by malfunctioning desiccant packs. There is absolutely no risk of the product being contaminated.
- There are no risks about the desiccant being forgotten.
- Hygroscopic sealant has cleared standards regarding packaging with food products.

### 2. Economic

- The elimination of desiccant material reduces waste and waste by-product.
- It is economical in total costs when compared to traditional desiccant packs, processes such as packaging desiccant material and setting are no longer necessary.

### 3. Flexibility

- Size and space issues are non-existent because custom sizes and designs are available.
- There is nothing to absorb overly in the processes of packaging, it can respond to various processes.
- Useful for small bags and small products especially when tight spaces are necessary.
- The absence of the desiccant pack make a tight and efficient space for the product.

(\*1)Specifications, Standards and Testing Methods for Containers and Packaging,3-D-2, Specifications and Standards for Food and Food additives (No370-notification of, Health and Welfare Minister in1959)

## ■ Hygroscopic Sealant

5 types of sealant are available.

- ①Absolute dry type, Thickness 40μm
- ②Absolute dry type, Thickness 60μm
- ③Absolute dry double type, Thickness 60μm
- ④Low humidity type, Thickness 40μm
- ⑤Low humidity type, Thickness 60μm

\*Made-to-order specification are available. Please consult us.

## ■ Composition Example

Hygroscopic AL bag  
Outside



inside

\*Custom composition orders are available.

## ■ Product Specification Options

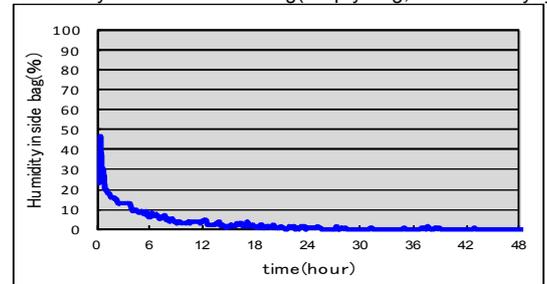
AL laminate film, Transparent PET film, Reclosable bag, Stand pouch, etc.

\*Custom options are available as-needed

## ■ Absorption Ability

Hygroscopic sealant	Absorption amount ※Central tendency
Absolute dry type 40μm	1.4g/m <sup>2</sup>
Absolute dry type 60μm	3.0g/m <sup>2</sup>
Absolute dry double type 60μm	6.0g/m <sup>2</sup>
Low humidity type 40μm	4.2g/m <sup>2</sup>
Low humidity type 60μm	9.0g/m <sup>2</sup>

Humidity behavior inside bag(empty bag, low humidity type)



Humidity inside bag

Some humidity actions change with content. Please sample test before use.

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