

# MASA PACK

PACKAGING SOLUTIONS

Product  
**Catalogue**

2013

## About Us

Since Masa Pack's inception in 2013, the company has focused on the development of pharmaceutical and medical packaging.

Since then, we've added new product series, such as desiccant capsules and desiccant bags, to our already sizable inventory of desiccant packaging options for pharmaceuticals, and we've refined and broadened the packaging's applicability and dose.

Subsequently, we made and delivered the market's first desiccant closure for effervescent pills, employing injection molding's seamless precision and efficiency.



## Vision

Aiming to break into the medical packaging industry and the manufacturing of medical supplies and laboratory needs with a wide range of products that are both high-quality and affordable in the domestic and international markets.



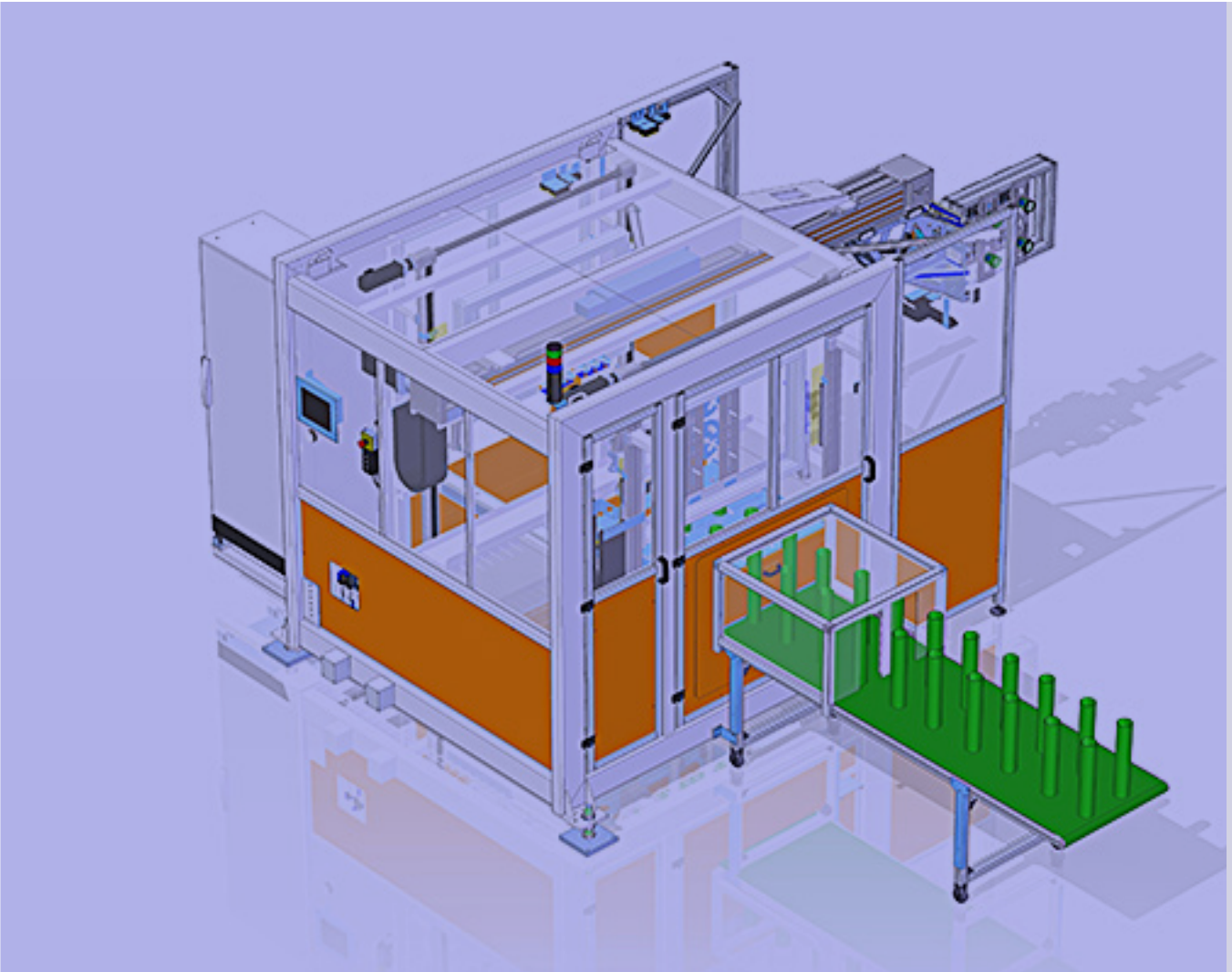
## Mission

Masa Pack is committed to excellence in all that we do, and that includes providing our customers with the finest quality plastic component manufacturing available, as well as the latest and greatest in industry advances.

# USPs

- We are the only manufacturer in Egypt that possesses the Sachet Roll Machine, which we specifically designed and manufactured to produce high-quality silica gel sachets. Our focus on innovation and meeting market demands has allowed us to achieve exceptional sales targets and establish ourselves as a leading provider in this industry.
- With the advantage of having our own molding sister manufacturer, equipped with high-performance mold machines, we are able to consistently deliver high-quality products to our clients.

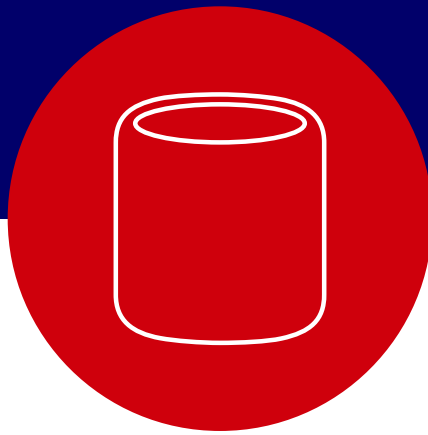




- **We are proud to be the exclusive company in the Middle East utilizing In-Mold Labeling (IML) technology in pharmaceutical packaging. Our innovative approach sets us apart as the sole provider in the region to offer this advanced labeling technique.**
- **We can deliver customized and unique packaging solutions to our clients, ensuring high quality and quick turnaround times.**

# Desiccant Capsule

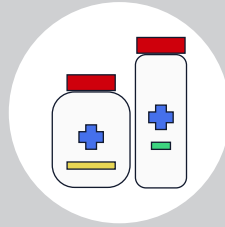
Masa Pack desiccant capsules are effective for upgrading your medication packing to a complete desiccant system and are designed for optimal protection for pharmaceuticals over their shelf life.



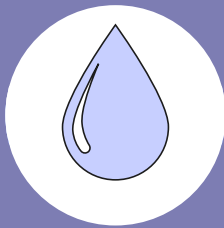
| Desiccant Capsule Code | Desiccant amount | Diameter | Height  |
|------------------------|------------------|----------|---------|
| DCA-1                  | 1 g              | 12.5 mm  | 16.5 mm |
| DCA-2                  | 2 g              | 18 mm    | 19 mm   |
| DCA-0.3                | 0.3 g            | 10.5 mm  | 8.5 mm  |
| DCA-0.7                | 0.7 g            | 15 mm    | 10.5 mm |



# Applications



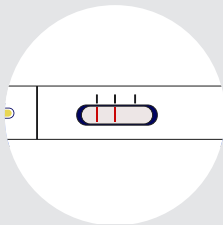
Pharmaceutical packaging



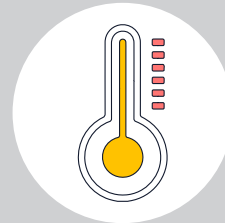
Moisture absorbents in diet sugar and capsules



Inhalation devices syringe drug test kits and hospital sanitation kits.



Diagnostic test strips

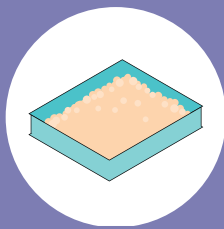


Used as a preservation tool to control relative humidity in museum and library exhibitions and storage



# Silica Gel Bags

Our White Silica Gel Bags are specifically designed for efficient moisture absorption. They possess outstanding durability and stability, making them ideal for packaging, storage, and export applications.



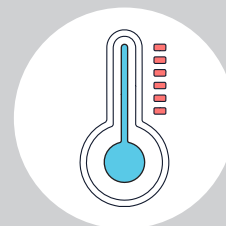
Cat litter



Food additives



Water filtration



humidity indicator



# Type of Indicators



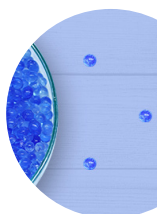
## White

non-indication silica gel



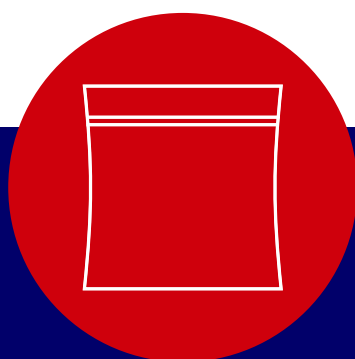
## Orange

indicating silica gel



## Blue

indicating silica gel



| Product code      | DB-5 | DB-10 | DB-25 | DB-50 | DB-75 | DB-100 | DB-150 | DB-200 | DB-250 | DB-500 |
|-------------------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Bag width         | 85   | 85    | 85    | 85    | 85    | 85     | 85     | 140    | 140    | 140    |
| Bag length        | 85   | 85    | 90    | 110   | 140   | 160    | 175    | 140    | 200    | 225    |
| Silica gel weight | 5    | 10    | 25    | 50    | 75    | 100    | 150    | 200    | 250    | 500    |

# Desiccant Sachet

Masa Pack desiccant sachets are an excellent choice for enhancing the packaging of medications by providing a comprehensive desiccant system. These sachets are specifically designed to offer optimal protection for pharmaceutical products throughout their entire shelf life.

| Sachet Code | Desiccant amount | Width | Length |
|-------------|------------------|-------|--------|
| DSA-0.5     | 0.5 g            | 20 mm | 40 mm  |
| DSA-1       | 1 g              | 20 mm | 41 mm  |
| DSA-2       | 2 g              | 20 mm | 60 mm  |
| DSA-3       | 3 g              | 20 mm | 80 mm  |
| DSA-5       | 5 g              | 20 mm | 92 mm  |

## Type of Indicators



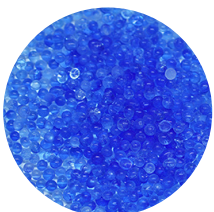
### White

non-indication silica gel



### Orange

indicating silica gel



### Blue

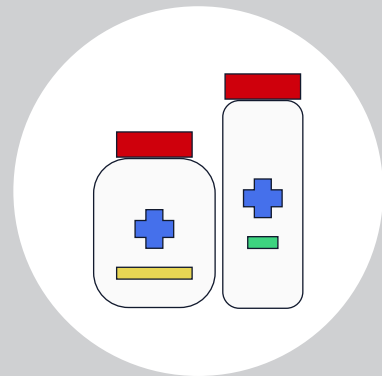
indicating silica gel



Food grade



Industrial grade



Pharmaceutical grade

# Desiccant Sachet Roll

Masa Pack desiccant sachets roll are an excellent choice for enhancing the packaging of medications by providing a comprehensive desiccant system. These sachets roll are specifically designed to offer optimal protection for pharmaceutical products throughout their entire shelf life.



| Product Name                 | Code     | Silica gel weight of peace | Peace length A | Peace Width B |
|------------------------------|----------|----------------------------|----------------|---------------|
| Desiccant Sachets Roll 0.5 g | DSAR-0.5 | 0.5 g                      | 20 mm          | 40 mm         |
| Desiccant Sachets Roll 1 g   | DSAR-1   | 1g                         | 20 mm          | 42 mm         |
| Desiccant Sachets Roll 2 g   | DSAR-2   | 2g                         | 20 mm          | 60 mm         |
| Desiccant Sachets Roll 3 g   | DSAR-3   | 3g                         | 20 mm          | 80 mm         |
| Desiccant Sachets Roll 5 gr  | DSAR-5   | 5g                         | 20 mm          | 95 mm         |

# Cosmetic Jars

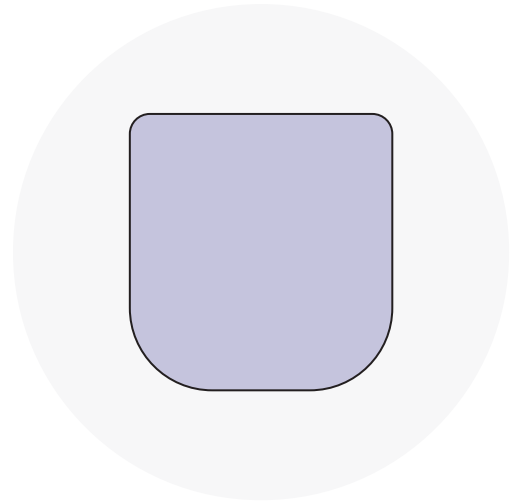
Jars with Easy Open Caps are used for pharmaceutical and cosmetic packaging.



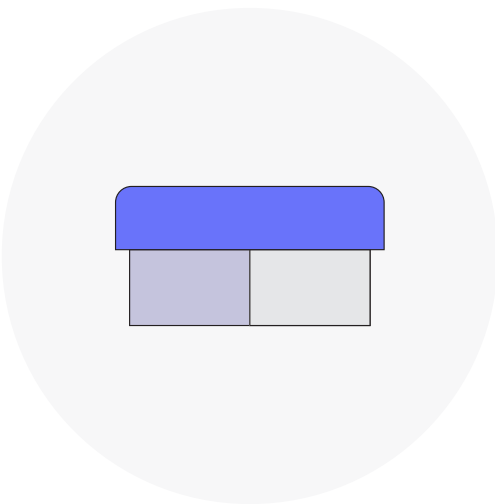
|              |         |          |
|--------------|---------|----------|
| Jar Code     | CJ-50   | CJ-135   |
| Diameter     | 47.0 mm | 47.0 mm  |
| Length       | 54.0 mm | 104.0 mm |
| Jar Neck     | 45.5 mm | 45.5 mm  |
| Cap Code     | C-EO    | C-EO     |
| Cap Diameter | 48.0 mm | 48.0 mm  |

# Containers key features

- Suitable for liquid and cream solutions.
- Standard available colors.
- Material HDPE.
- Available in Pharma grade materials.



# Caps key features



- The cap is easily removed using the thumb tab and simply press fitted onto the container
- Tamper evidence via a tear tab.
- Easy opening and closing functionality.

# Tubes with desiccant closure

## 1- Tubes for Effervescent



|                       |                     |          |          |          |          |
|-----------------------|---------------------|----------|----------|----------|----------|
| <b>Code</b>           | T-138-W             | T-143-W  | T-144-W  | T-98-W   | T-67-W   |
| <b>Inner Diameter</b> | 21.5 mm             | 21.5 mm  | 27.8 mm  | 27.8 mm  | 22.5 mm  |
| <b>Length</b>         | 138 mm              | 143 mm   | 144 mm   | 98 mm    | 67 mm    |
| <b>Cap Code</b>       | DCL - 32            | DCL - 42 | DCLT- 28 | DCL - 28 | DCL - 20 |
| <b>Color</b>          | Colors As Requested |          |          |          |          |

# Technical features:

- Availability of different sizes.
- Effervescent tubes are moisture-proof.
- Easy opening end, the PP grade tubes ensure long shelf life.
- These effervescent tubes are made after sourcing the best quality raw materials.





## 2- Tablet tube with desiccant closure cap and has a tablet storage.



|                 |              |
|-----------------|--------------|
| <b>Code</b>     | T-70         |
| <b>Diameter</b> | 34.5 mm      |
| <b>Length</b>   | 70 mm        |
| <b>Cap Code</b> | As Requested |



## 3- Tablet tube with gorge pills and desiccant closure cap.



|                |              |
|----------------|--------------|
| Code           | T-47         |
| Inner Diameter | 27 mm        |
| Length         | 47.5 mm      |
| Cap Code       | DCL-14       |
| Color          | As Requested |

# In-Mold Labeling (IML)

## Offered with tubes for effervescent tablets in IML

In the so-called In-Mold-Labeling method, in brief, IML process, pre-printed labels are inserted directly into the injection molding tool. As the hot plastic material is injected into the tool, the label fuses directly with this material thus forming an inseparable bond.

The IML process offers possibilities that cannot be realized by Letter-set printing CMYK-printing, special finishing (metallic effects).



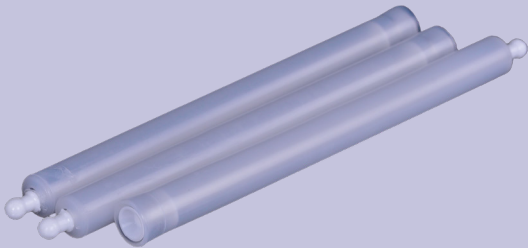
# Benefits:

- Enhancement of brand equity with strong expertise in IML (in-mold lading) for complex artwork, including up to 8 colors.
- Proper control of moisture vapor transmission via a tight seal.
- A dual material system and innovative mold designs.
- Proper desiccation of the product via versatile sorbent materials.
- (Silica gel, molecular sieves, and combination of both), Stoppers can.
- Well suited for automated filling lines.



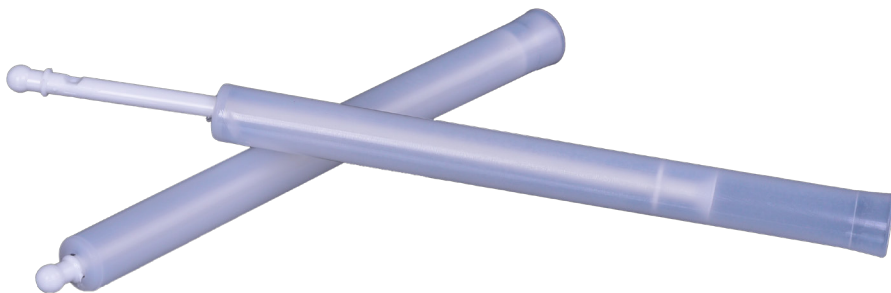
# Our Packaging solutions

## Vaginal cream applicator:



Our applicators are favored by many customers for use in clinical trials where proper dose administration and efficacy are critical.

Our newest applicator, the Comfort Tip, features a silky-smooth tip designed with the user in mind.



# Desiccant stopper:

Proper desiccation Stoppers of the product via versatile sorbent materials (silica gel, molecular sieves, and a combination of both).



# Anti-broken tablet (Spacer):

Neck 28 mm White Plastic Anti Broken Tablets Stopper Placed inside the Neck of the plastic Jars or Glass Bottles.

**Note: we can provide other sizes and shapes.**



# Pharmaceutical Jars

Used for pharmaceutical tablet packaging

## 1) Jars with child-resistant caps

- Suitable for solid doses, Standard available colors.
- Available in Pharma grade materials, made of high-density poly Ethelene (HDPE).

## Containers key features:

- Suitable for solid doses.
- Standard available colors.
- Material HDPE.
- Available in Pharma grade materials.
- Child Resistant, desiccant and easy to open options available





# Caps key features:

- Screw on system.
- Child resistant and desiccant canister options.
- Two-piece CR – push and turn in use stability.
- Ideal for very moisture sensitive products.
- Options with desiccant canisters.
- Maximized neck opening to ensure fast filling.
- suitable for solid dose.



| Code     | J-15  | J-20    | J-100   |
|----------|-------|---------|---------|
| Diameter | 28 mm | 34.0 mm | 47.5 mm |
| Length   | 42 mm | 43 mm   | 78 mm   |
| Jar Neck | 22 mm | 28 mm   | 38 mm   |
| Cap Code | C-24  | C-28    | C-38    |

## 2) Tamper Evident Jars with inserted silica gel desiccant.

- Suitable for solid doses.
- Standard available colors.
- Material HDPE.

### Containers key features:

- Suitable for solid doses.
- Standard available colors.
- Material HDPE.
- Available in Pharma grade materials.
- Child Resistant, desiccant and easy to open options available



# Caps key features:

- Snap-on system.
- Tamper evident inner membrane.
- Excellent container and closure fit.
- Material HDPE and P.P.
- Standard available colors.
- Available in various sizes.
- Available in Pharma grade materials.



| Product code       | J-15   | J-30    | J-35    | J-40    | J-60    | J-75    | J-125    | J-150  |
|--------------------|--------|---------|---------|---------|---------|---------|----------|--------|
| Volume             | 15 ml  | 30 ml   | 35 ml   | 40 ml   | 60 ml   | 75 ml   | 125 ml   | 150 ml |
| Length             | 46 mm  | 61.8 mm | 50.9 mm | 86.4 mm | 64.4 mm | 78.5 mm | 106.7 mm | 100 mm |
| tamper evident cap | C-TE35 |         |         | C-TE45  |         |         |          |        |

# Desiccant Closures

**Desiccant Closure Made of Ployethylene Filled With White Silica Gel**

| Code              | DCL-14  | DCL-20  | DCL-24  | DCL-28  | DCL-32  | DCL-42   |
|-------------------|---------|---------|---------|---------|---------|----------|
| Height            | 14 mm   | 20 mm   | 24 mm   | 28 mm   | 32 mm   | 42 mm    |
| Internal Diameter | 24.5 mm | 22.8 mm | 34.5 mm | 27.8 mm | 21.5 mm | 21.95 mm |
| Silicagel weight  | 2 g     | 2 g     | 2.2 g   | 2 g     | 1.6 g   | 2 g      |



# Certificates



# Our Clients





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