



Innovation • Safety • Delivery

PRIMARY PACKAGING SOLUTIONS



Trusted Partner in Healthcare Packaging

ABOUT US

Sorbchem India, Completed 50+ yrs, is a technical solution provider for choosing the right desiccants for your primary packaging material.

Over the years, we have been the solution provider to the nutraceutical, API and medical device industries. As a technical assistant for the selection of type & dosage of desiccant required for your product, look into all depending factors, including the pharma desiccants for adsorbing the moisture, humidity, odour and light from the packaging of the product in boxes, bottles, or large shipping containers.

All our solutions are passed through USFDA, EU standards, and 21 CFR. However, we ensure sustainable packaging with the Tyvek paper packaging of our desiccants. In addition, the factors that keep us ahead in the race is our service, on-time & error-free worldwide delivery and the assurance to provide our clients with solutions, when & for what they need.

We offer a broad and diversified spectrum of desiccants and adsorbents.

Our Strength remains in providing

1. Dosage calculation of desiccants for product specifications for your formulations and API packaging.
2. Stocks of every product on our floor and round-the-clock dispatch facilities.
3. Technical services are available at 24x7.
4. We have a team of experts to offer assistance for any technical & non-technical queries.
5. Faster lead time and end-to-end tracking mechanism.



50+ years



Regulatory
Certifications



Office: Vadodara,
India



Supplied to
50+ Countries



100+ Employees



Supplier of Manufacturer
Desiccants & Adsorbents

PILLOW PAK

We offer a complete line of pharmaceutical-grade small desiccant paks called Pillow Paks which are manufactured using DuPont Tyvek® and several custom substrates. Pillow Pak can be used to absorb moisture, odour, or gas. Tyvek Properties: DuPont Tyvek is made of spun-bonded olefin and is intended for packaging substances meant to remain stable and not get mixed with other products. It has an outstanding porous microbial barrier & non-leaching and odourless

Tyvek Properties: Best strength | Non-tearable material | Best moisture resistance
Inertness to most chemicals | Air permeability | Clean peeling seals | Low fiber tear.

Compliances: Meets USFDA and EU standards.

Salient Features: Packed in Tyvek material, Paper, Clear Films | Low moisture permeability | Non-tearable | Small composed pouches of high quality Desiccant High absorbtion capacity.

Available Desiccants: Silica Gel • Molecular Sieve • Montmorillonite Clay
• Carbon • Silica Gel + Carbon • Silica Gel + Molecular Sieve

Applications: Packaging of variety of products like Pharmaceuticals, Vitamins, Biologicals, Medical devices, Food, Optical clothing, Electronics & other consumer products.

Available Sizes: In Pillow Pak & continuous Pillow Pak (Roll Form):
0.25gm, 0.5gm, 0.75gm, 1gm, 1.5gm, 2gm, 3 gm, 3.5 gm, 5 gm, 10 gm,
12 gm and 14 gm.

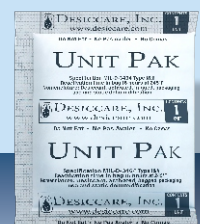


UNIT PAK

We offer a complete line of pharmaceutical-grade desiccant paks called Unit Paks, manufactured using DuPont Tyvek® and several custom substrates like kraft or cloth.

Unit Pak is a bulk quantity of desiccant packets designed to absorb certain levels of humidity and moisture from packaging environments. The term "unit" refers to a Military Specification for packaging, and our Unit Pak meets MIL Spec 3464, Type I & II. This large frame of pillow paks is filled with silica gel, molecular sieves, clay, and activated carbon desiccants, packaged in Tyvek paper material.

Tyvek Properties: DuPont Tyvek is made of spun-bonded olefin and is intended for packaging substances meant to remain stable and not get mixed with other products. It has an outstanding porous microbial barrier & is non-leaching and odourless. Best strength Non-tearable material Best moisture resistance Inertness to most chemicals Air permeability Clean peeling seals Low fibre tear.



Compliances: Meets USFDA and EU standards. Also Mil Spec 3464 Type I & II.

Salient Features: Packed in Tyvek material • Low moisture permeability

- Bigger composed pouches of high quality desiccant
- High absorption capacity.

Available Desiccants: Montmorillonite Clay • Silica Gel

- Molecular Sieves • Silica Gel + Activated Carbon

Available Sizes: (1 unit = 28 gm) 1/6, 1/3, 1, 2, 4, 6, 8, 16 and 80 units.



Carolina Absorbent Cotton USDMF: 6855
Canadian DMF: 9623 Type III

PHARMACEUTICAL COILS

Pharmaceutical Coil is available in 3 types of Fiber: Cotton, Rayon & Polyester. Each provides distinct advantages and applications. Cotton Coil is composed of 100% bleached, absorbent cotton. It is selected for its clean, uniform fibres & is designed to give superior performance in the packaging of pharmaceutical products. Rayon Coil is formulated of 100% rayon fibres providing a uniform fibre coil. Polyester Coil is white, odourless, Soft, uniformly carded, Low moisture, and Resilient material.

COIL CHARACTERISTICS: Gram Weight-The weight of the coil per 1 yard length. The higher the gram weight, the thicker the coil. There are 15.43 grains/gm and 453.66 gms/pound. Standard industry gram weights are 9 gm, 12 gm & 16 gm. Cotton and Rayon coil meets USP and EP standards. A COA accompanies each shipment.

POLYESTER FIBER: Polyester coil is a White, Odorless, Soft, Low moisture, Resilient material comprised of 100% Polyester fibers. Other polyester characteristics include:

- Man-made fiber (petroleum derived)
- Uniform in fiber length
- Non- fluorescent
- Non-absorbent, will not introduce moisture or extract moisture from the bottle.
- Moisture content NMT 1%
- Most commonly used in bottling of soft-gel capsules.



COTTON FIBER: Carolina Absorbent Cotton is the only vertically integrated Cotton Coil manufacturer of the United States. Cotton Coil is composed of 100% bleached, absorbent cotton. The Cotton fibers are selected for cleanliness and are designed to give superior performance in packaging pharmaceutical products. Other Cotton characteristics include:

- Natural fiber
- Cuts easily
- Moisture Content NMT 8%
- Creates a dry environment inside the bottle
- Most commonly used in bottling of tablets and capsules

RAYON FIBER: Rayon coil is formulated of 100% absorbent rayon fibers. Other Rayon characteristics include:

- Man-made fiber (cellulose)
- Uniform fiber length
- Cuts or tears easily
- Moisture content is NMT 11%
- Most commonly used in the bottling of tablets
- Biodegradable.

APPLICATIONS: Pharmaceutical Coil is used for tablet and capsules packaging to provide a safe, non-toxic, economical, aesthetically pleasing, easy to use, traditional filler. It ensures freshness and stability in shipping and storing of ethical and generic pharmaceuticals, vitamins and food supplements



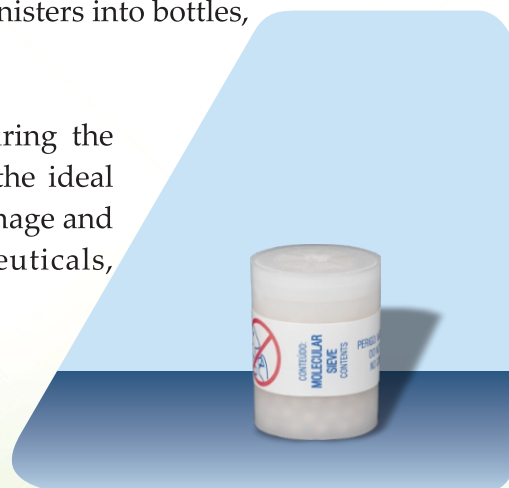
Splack DMF No: 17896 (Type III)

CANISTERS (SPLACK)

We offer a complete line of pharmaceutical grade small desiccant canisters called Desiccant canisters which are manufactured by SPLACK and are available in packaging in HDPE canisters. These are used to absorb Moisture vapor, Odor or Gas.

The canisters can adsorb high amounts of The type and capacity of canisters required depend on the nature of the product and its use. High automation is possible for inserting canisters into bottles, making them a convenient solution for various industries.

The desiccant canisters can adsorb high amounts of moisture, ensuring the long-term preservation of products. They are designed to maintain the ideal humidity levels within the packaging, preventing moisture-related damage and extending the shelf life of sensitive items such as pharmaceuticals, nutraceuticals, and food products.



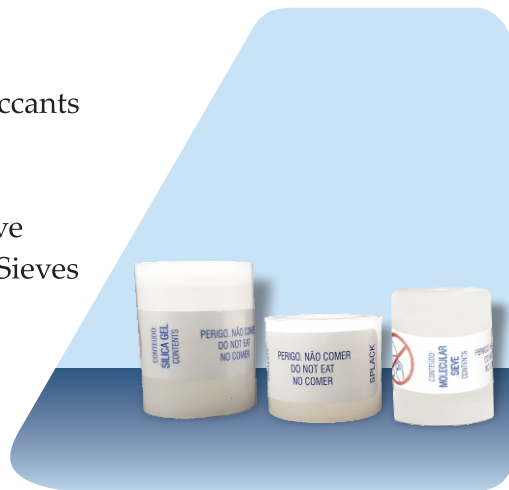
Compliances:USFDA , 21 CFR , EU standards

Salient Features:These are Small compact containers containing Desiccants for protection from moisture.

Available Desiccants:Beaded or granular Silica Gel • Molecular Sieve
• Activated Carbon • Silica Gel + Carbon • Silica Gel + Molecular Sieves

Applications:Used along with Moisture sensitive Tablets / Capsules which are packed in bottles.

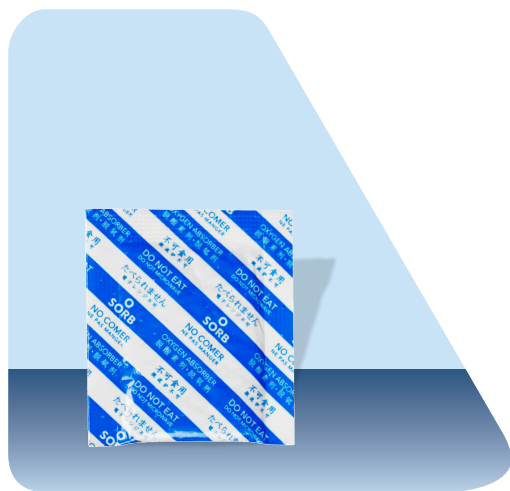
Available Sizes:0.5 gm, 1 gm, 1.5 gm, 2 gm, 2.5 gm, 3 gm.



Nantong : 032321 Type: III

OXYGEN ABSORBER

Nantong Company provides “O-Sorb” is designed to remove the Oxygen content inside any packaged environment. O-Buster’s Unique blend of absorbents will pick up approximately three times its weight of oxygen preventing the harmful effects of Oxygen. Products Comply to: USFDA, EU directive, 21 CFR.



Compliances:USFDA , 21 CFR , EU standards.

Salient Features:

- Extends shelf life.
- Maintains product freshness.
- Absorbs almost 3 times its weight of oxygen.
- These are available in form of sachets of various sizes useful for protection against oxygen as per the volume of final container in which it is packed.

Desiccare Inc. DMF: 11871 (Type III)

NOOX - IRON FREE OXYGEN ABSORBER

Applications:Protection of API / formula (Tablets and Capsules) in bottle packaging against oxygen for oxygen sensitive molecules.

Available Size:20, 50, 100, 200, 300, 500, 1000, 2000, & 3000 CC
(For Both IF & O Sorb)



LDPE BAGS / TRIPLE LAMINATED BAGS

We provide food-grade LDPE bags, which are virgin bags. USFDA material anti-static bags. These bags are widely used in API, Excipients, Pharmaceutical powders, Bulk tablets & Capsule packaging. The special additives used do not affect the film clarity or quality and are the most economical to use, as a standard film thickness can be selected.

Every component of the LDPE bags used during its manufacture is USFDA approved, let it be: Resins used for manufacturing, Other adhesives & additives. Our LDPE bags are similar to those used by the innovators, which completely ensures that the material packed inside remains intact in its original form.

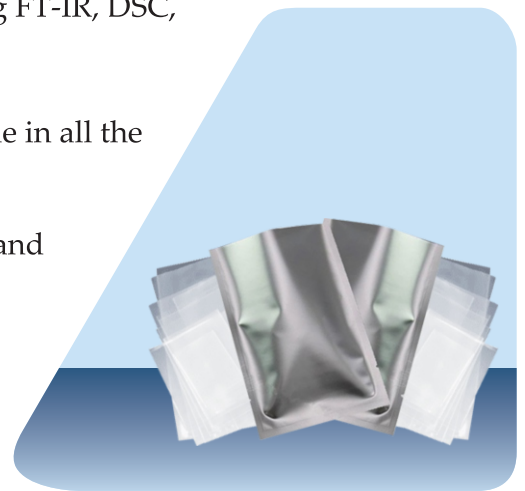
Compliances: ISO 9002, USFDA, EU compliance, 21 CFR 178.3130

Salient Features:

- Linear Low Density
- Fractional Melt Low Density
- UVI
- Anti Stat
- Flame retardants & Anti-Block Additives are used in our LDPE bags
- In-house testing done for Full physical testing capabilities including FT-IR, DSC, Tensile, Seal and bust strength

Available Sizes: Our LDPE bags shall be tailor made and will available in all the sizes as per the customer's requirements.

- Multiple layers of metalized polyester provide puncture resistance and moisture barrier for this economical dry package.
- Anti-static properties help protect API's, powders, bulk tablets & capsules.
- This highly reliable material meets or exceeds commercial MVTR and MI/RFI/Static shielding requirements for static safe, moisture barrier packaging.
- Perfect material for secondary & tertiary packaging of API's, Powders, bulk tablets & capsules.

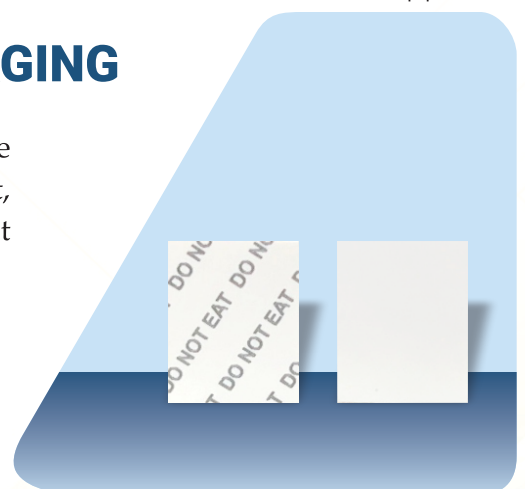


USFDA Approved

DESICCANT CARDS FOR BLISTER PACKAGING

The sheet-like appearance design is more suitable for the shape requirements of flexible packaging, reduces its presence as a desiccant, and satisfies the tactile impression and visual effects of product packaging.

1. Long-lasting moisture absorption: Extends product shelf life.
2. Space-saving design: Fits various packaging forms.
3. Versatile delivery options: Adaptable formats for different packaging scenarios.



QC TESTING MATERIAL

DU PONT STAIN

Du Pont Fibre Identification Stain No.

As per USP 670 (Auxiliary Packaging Components) filling material like COTTON, RAYON and POLYESTER must pass few of the identification tests, one of the, is a test with Dupont Fibre Identification Test. Different fibres gives different color variation with Dupont Fibre Identification Stain No. 4.

Fiber: Cotton | Rayon | Polyester

Color: Green | Blue-Green | Pale Orange



DESICCANT TABLETS FOR BLISTER

MVTR Testing is done according to USP 670, for strip packing of tablets/blister packs. For the same we have Desiccant tablets to perform the MVTR (Moisture Vapor Transfer Rate).

The Desiccant Tablets are most carefully formulated to provide optimum moisture control in the most demanding applications.

CALCIUM CHLORIDE FOR MVTR TESTING

Incorporating our patented three phase active-polymer technologies and for the same we have Calcium Chloride to perform the MVTR (Moisture Vapor Transfer Rate).



HIC CARD & OIC CARD

We provide a full line of Humidity Indicator Cards (HIC) which allows a low cost method of indicating humidity conditions for various types of barrier packaging, including MIL Spec (MIL-I-8835) applications. The 30%, 40%, 50% HIC cards comply with MS 20003-2. The 60% card complies with JEDEC Standard 033D. Moisture is the worst thing that can affect electronics - it can damage the way they function or lead to irreversible glitches in electronic components. Moisture also leads to other problems such as rust and accumulation of dust, which can affect the performance of electronic items.

Benefits:

- Indicate humidity conditions in various types of barrier packaging.
- Can be used in conjunction with a desiccant for full effect.
- Instant visual verification of product integrity.
- Approved for MIL-I-8835 applications.
- Low cost & Reversible.
- Easy to use (spots turn from blue to pink to indicate humidity levels).



Available Sizes:

8%, 5% - 10% - 60%, 30% - 40% - 50%

DESICCANTS FOR NON-REGULATORY / DOMESTIC MARKET

They are available in two type of packaging:

- 1) Composite Paper
- 2) Non-Woven Fabric.

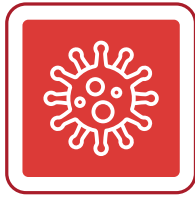
Available Sizes:

0.5 gm, 1 gm, 2 gm, 5 gm, 10 gm, 20 gm, 25 gm, 50 gm, 100 gm.

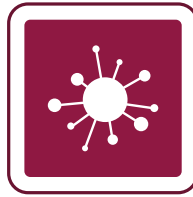


PHARMA DESICCANTS PROTECT YOUR PRODUCTS FROM

Mold



Mildew



Odour



Humidity



Moisture



Corrosion



PHARMACEUTICAL DESICCANTS

We have Available Desiccants as below

- Silica Gel
- Molecular Sieve
- Montmorillonite Clay
- Carbon



OUR GLOBAL PARTNERS



LOCATIONS



Quality Assurance:

Preventing mistakes or defects in manufactured products and avoiding problems when delivering materials & services to the customers

Vision:

The Growth of our company will be built on our solid foundation.

Mission:

Low Cost Producer, Outstanding customer service.

Goal:

Driving Customer Success, Performing together & Respecting Each Other.



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PRIMARY PACKAGING SOLUTIONS



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