



## MiniPax® Sorbent Packets

### MiniPax® Compact Desiccant Packet for Hand Insertion Operations

MiniPax Sorbent Packets are compact, extremely durable, non-dusting sorbent packets that take up little space in packaging yet have high moisture adsorbing capacity. Individual MiniPax Packets are ideal for hand packaging operations and are offered with a variety of sorbent blends and sizes to meet specific packaging needs for a wide variety of packaging applications.

### Efficient Package Design

MiniPax Packets are formed of welded, uncoated Tyvek®, an extremely tough and durable spunbonded high-density polyethylene (HDPE) fiber material.

MiniPax Packets have high tear strength in all directions and are virtually puncture proof, eliminating risk of leakage and product contamination. MiniPax Packets are unaffected by water or moisture and are as strong wet as they are dry. They will not rot or mildew. Tyvek® offers a high water vapor transmission rate (WVTR) that makes the material ideal for sorbent packets. The porosity is closely controlled during the manufacturing process to assure consistency batch after batch. This eliminates any variation in the allowable handling time of a MiniPax Packet. The exceptionally narrow seal skirt on only two ends gives MiniPax Packets an unusually large adsorptive surface area for their overall size.



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MiniPax Packets allow moisture in but keep sorbent material from leaking out. The dense packing of the fine Tyvek® fibers forms a tight barrier to particulate matter and prevents sorbent dusting. Additionally, they have a stable, abrasion resistant surface and will not form lint.

The medical grade Tyvek® used in MiniPax Packet construction is chemically inert and can be used in food and healthcare packaging applications. MiniPax Packets are supported by a Type III Drug Master File, use 21 CFR-compliant materials, and are suitable for use in all regulated product packaging.

## Options to Meet a Variety of Needs

MiniPax Packets are available with indicating silica gel that offer a visual indication through an integral transparent strip as to when the capacity is exhausted and the desiccant should be replaced. MiniPax Packets with indicating silica gel are not intended for use in food or pharmaceutical packaging. MiniPax Packets can be produced with a wide choice of sorbents and sorbent blends to meet your specific needs. Blends of odor and moisture adsorbent compounds may be furnished when both odor and moisture protection is desired. MiniPax Packets are produced in sizes from 0.25 grams to 28 grams. Larger sizes are possible with multi-packet production runs.

## We Offer Even More for Your Packaging Applications

MiniPax Packets are part of a full line of our sorbent products that will solve your moisture, odor, and oxygen related packaging problems. For more information contact us today.

## Advantages

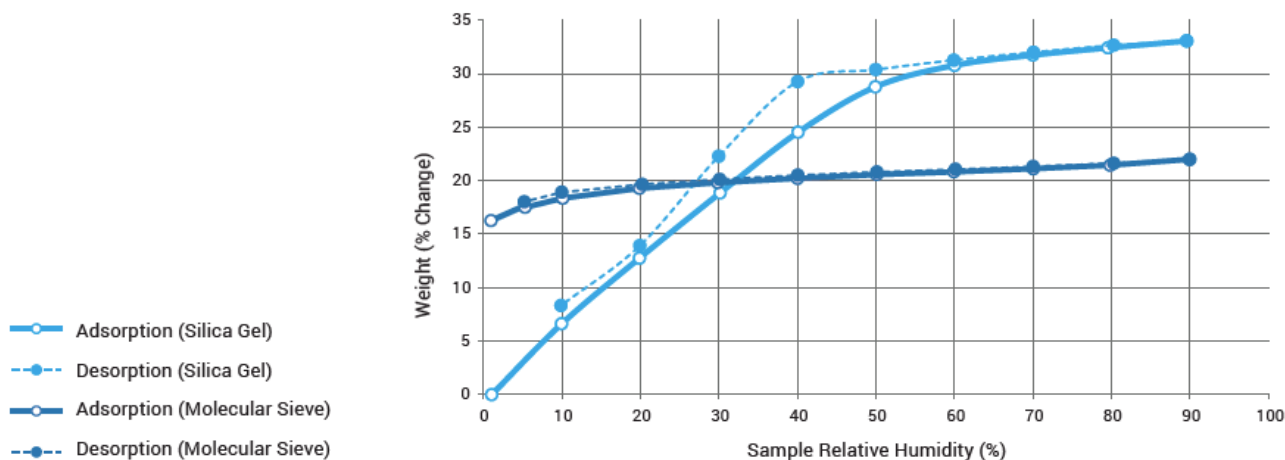
- Offer superior performance capacity in a small size packet
- Provide an extremely durable, tear resistant construction and are made with medical grade, uncoated Tyvek®
- Offer a non-dusting, non-linting design
- Demonstrate high water vapor transmission rate and controlled porosity
- Are supported by a Type III Drug Master File (DMF)
- Use 21 CFR-compliant materials

## Applications

- Pharmaceuticals
- Medical Devices
- In-Vitro Diagnostic Kits
- Electronic Equipment
- Optical Instruments
- Food Packaging



**Adsorption / Desorption Isotherm Comparison (25°C)**  
Silica Gel / Molecular Sieve 4A



\*Tyvek is a registered trademark of E.I. duPont de Nemour and Company