



SILSORB™

**Active Packaging Solutions
for Pharmaceutical and
Diagnostic Applications.**



STANDARD FILTER PAPER

Silica Gel is made from sodium silicate and is a highly porous product that can absorb up to 40% of its own weight in water vapour.

Silica gel sachets provide an economic and effective way of protecting against moisture damage during transit and storage. Each sachet is filled with a non-indicating gel that remains physically unchanged when it absorbs moisture.

The standard range of Zan-Tech Silica Gel sachets are made from a very high quality filter paper with an excellent water vapor transmission rate. Our high grade of filter paper ensures no product contamination from the silica gel.

Sachet sizes: Our standard sachet sizes are:
0.5, 1, 2, 5, 10, 25, 50 & 100 grams

OPP SACHETS

Clear OPP is a Polypropylene film with unique strength, transparency, and gloss. OPP can be used in packaging food, textile products, pharmaceuticals, and miscellaneous goods. A special process is used to enable the OPP to breath and so absorb moisture through the film.

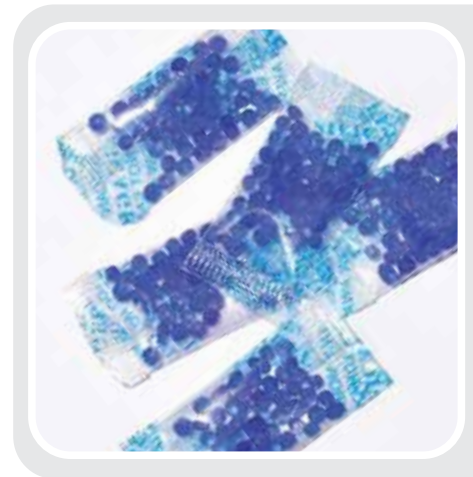
OPP is typically used in conjunction with coloured indicator gels, (Either conventional Blue gel or the new Orange ENVIROGELS) so that the sachets can reveal when they are saturated and need replacement.

Sachet sizes: Our standard sachet sizes are:
0.5, 1, 2, 5, 10 & 25 grams



APPLICATIONS

- Electrical Goods
- Electric Components
- Scientific Equipment
- Optical Instruments
- Communication Equipment
- Metallic Parts
- Leather Goods
- Tools



TYVEK SACHETS

Compact, extremely durable, non-dusting sorbent sachets which take up little space in packaging, yet have high moisture adsorbing capacity. Sachets are offered with a variety of sorbent blends and sizes to meet specific packaging needs.

Superior Packaging Material:

Zan-Tech medical grade sachets are made from uncoated Dupont™ Tyvek® paper. Tyvek® is a durable spunbonded olefin product made from high density polyethylene fibres.

Non-Dusting, Non-Linting:

Zan-Tech Tyvek® Sachets are light weight, extremely durable, non-dusting sorbent sachets made specifically for applications requiring an FDA certified product.

High WVTR, Controlled Porosity:

Tyvek® has an extremely high water vapour transmission rate (WVTR) making it an ideal material for sorbent sachets.

FDA and USDA Status:

Zan-Tech Tyvek® sachets meet the requirements of the U.S. Food and Drug Administration (FDA) for use in direct contact with food and drugs .

Sachet sizes: Our standard sachet sizes are:
0.5,1, 2, 5,10 & 25 grams



ADVANTAGES

- Constructed with extremely durable, tear resistant, medical grade, uncoated Tyvek
- Non – dusting design
- Compatible with automatic dispensing equipment

APPLICATIONS

- Pharmaceutical
- Medical Diagnostic Kits
- Electronic Equipment
- Optical Instruments
- Food Packaging



DESICCANT CAPS

Desiccant caps offer a safe and non-dusting canister that provides exceptional moisture adsorbing capacity in a small space. These caps can protect a variety of packaged products from the effects of moisture including chemical degradation, physical degradation, caking, mildew, fermentation, potency loss and decreased shelf life.

Desiccant caps are filled with the standard non-indicating silica gels or the indicating silica gel. They can be inserted loose into the canister or lid.

Cap sizes: Our standard cap sizes are: 1, 2 & 3 grams



ADVANTAGES

- Non-Dusting
- Durable construction
- Adaptable to high speed dispensing equipment

APPLICATIONS

- Pharmaceuticals
- Medical diagnostic kits
- Electronic equipment
- Optical instruments



ADSORBENTS
DIVISION

For more information please do not hesitate to contact us

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