

The Science of Silica Gel Packets

E-mail service@filtrationgroup.com for a quote



Flow Dry
Filtration Group

When moisture enters packaging, it shortens the shelf life of the product inside

Top cause of moisture entry is damage to the seal



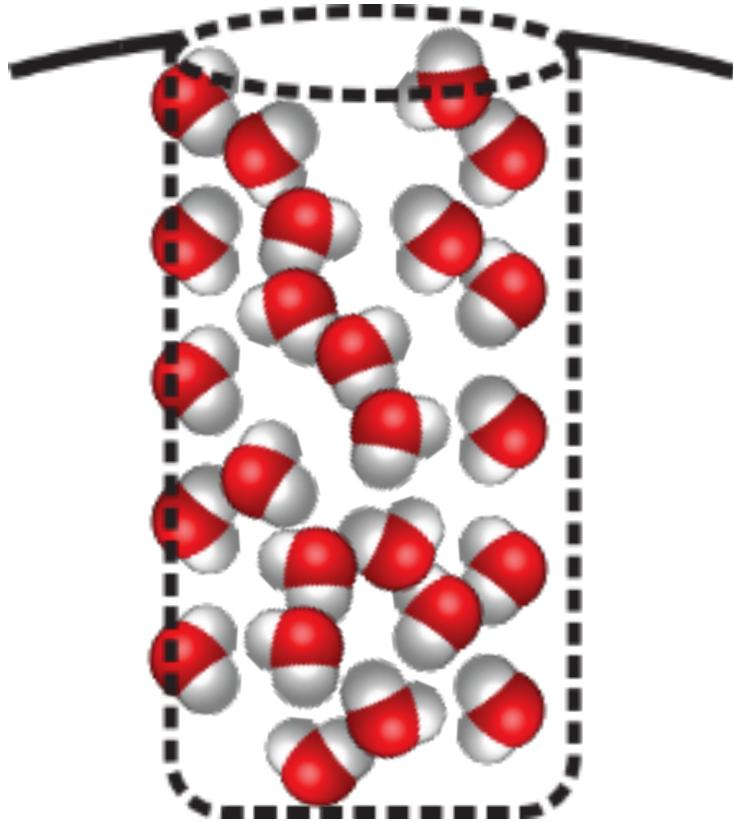
Moisture can seep through packaging material – even plastic



The air contained in your package's "headspace" naturally has moisture that enters when your product is packaged



Silica Gel



Silica Gel Pore Size 3-60Å

Our silica gel packets prevent damage to your product by absorbing moisture

Silica Gel is effective at absorbing moisture because it is extremely porous – meaning that it has many nooks and crannies to trap water

- 1 gram of Silica Gel has 800 m² of surface area

Once caught, water stays in the pores of Silica Gel because the openings are small

- Average pore is 3-60Å wide

Our Offering

Sizes

0.25g, 0.50g,
1g, 2g, 3g, 5g, 10g

Capabilities to product
up to 1lb (10 unit) bags
on request

Formats

Cut packets

Strip packets

(compatible with “hole
punch” dispensers)

Fill

Silica Gel

Molecular Sieve

Film

Non-dusting
Tyvek®

Cost saving
non-wovens



E-mail service@filtrationgroup.com for a quote or call (937) 833-2161