

# SILICA GEL



## Product Description

A common desiccant used to adsorb moisture and water vapor due to it being odourless and non-reactive, Silica Gel helps to control relative humidity level in the surround environment. Being able to adsorb up to 40% of its weight, Silica gel is able to bring Relative Humidity (RH) down to 40% in an enclosed area.

The three types of Silica Gel available at Stream Peak are Non-indicating Silica Gel, Blue-indicating Silica Gel, and Orange-indicating Silica Gel. Customisation such as mixing Non-indicating Silica Gel and Blue-/Orange-indicating Silica Gel is available as well.

Non-indicating Silica Gel – Also known as white or clear silica gel, it is tasteless, odourless, non-reactive to chemicals, non-corrosive and non-toxic, making it a safe moisture preventive agent.

This non-indicating silica gel is food-safe, allowing packers to pack the silica gel sachets with food.

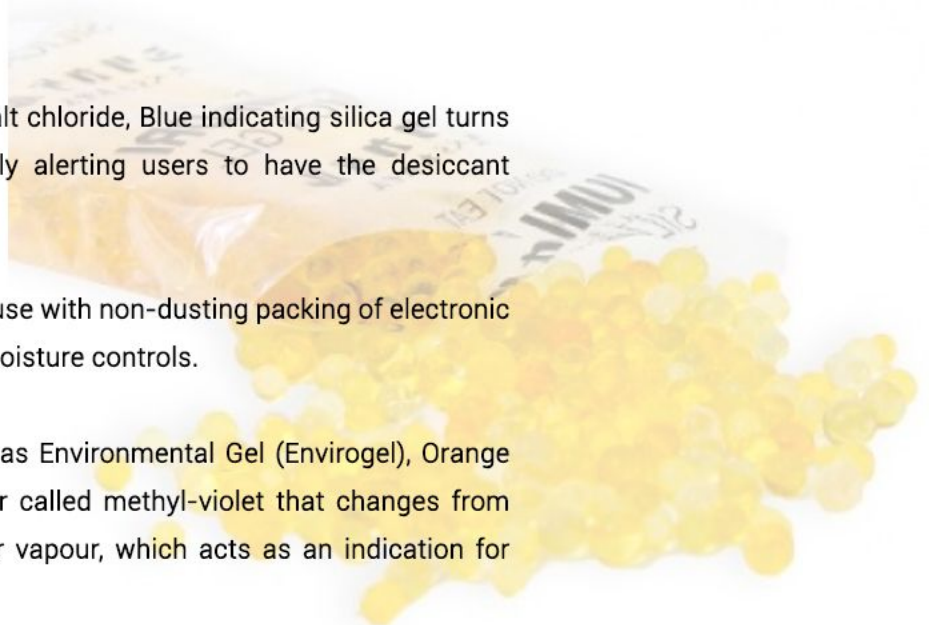
Blue Indicating Silica Gel – Containing cobalt chloride, Blue indicating silica gel turns from blue to pink when saturated, visually alerting users to have the desiccant replaced.

Stream Peak's Humi Dri Blue is suitable for use with non-dusting packing of electronic equipment and in applications with visual moisture controls.

Orange Indicating Silica Gel – Also known as Environmental Gel (Envirogel), Orange Silica Gel contains a safe organic indicator called methyl-violet that changes from orange to green once saturated with water vapour, which acts as an indication for replacement.

## Industries Served

- Apparel And Accessory Packaging
- Electronics
- Food And Beverage
- Healthcare
- Personal Products
- Pharmaceuticals



## Key Features

### Non-indicating Silica Gel

- Tasteless, odourless and non-reactive
- Adsorbs up to 40% of its own weight
- Turns from clear to hazy or milky colour when saturated
- Food-safe, FDA compliant

### Blue-indicating Silica Gel

- Turns from blue to pink when saturated
- Suitable for non-dusting packing of electronic equipment and when visual moisture control is needed.

### Orange-indicating Silica Gel

- Changes from orange to green when saturated which means they need to be replaced.
- Heavy-metal free
- Environmental friendly



## Related Products



Molecular Sieve



Activated Carbon



Activated Alumina



Activated Clay