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Why Silica Gel Desiccants are so Popular by [Nishaidhijames](#)

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Silica Gel packets are successfully used to keep moisture away. It contains several properties that absorb moisture and keep all the internal components and circuits dry. Every electronic gadget heats up when in use and when they are stored in cupboards or any other place dampness is caused due to the heat. The process of cooling begins when the gadget is turned off; during this change in temperature moisture in the form of small droplets of water can create malfunctioning in the circuits and show errors. It can also damage other working circuits that are supported by the main system. The most dangerous thing that can take place is accumulation of dampness on battery, which can lead to short circuit.

Various brands of desiccant packs are available in the market. These packets are made from silicon dioxide at a strength that is perfect to keep the air free from moisture. Although the name of the desiccant is silica gel, the substance is actually quite hard, translucent granules. These crystalline granules have numerous tiny pores inside that are capable of absorbing water granules generated due to change in temperature. These water particles can create short circuits in electronic devices.

Some silica gels are available in the market that changes color. These gels are also known as the indicating silica gel packets; the gel changes its color as soon as it absorbs moisture hence giving the correct and immediate update about moisture. This is widely used for those electronics that heat up immediately.

It is quite important to mention here that even though the word is silica gel, but it actually happens to be hard beads. Silica gel is an amorphous form of artificially made silicon dioxide that is a very versatile desiccant. You can buy silica gel packets from a large number of popular manufacturers and use it for a variety of purposes. However, to determine the exact amount and the type of desiccant you need do discuss it with your chosen manufacturer.

These desiccants packets are a result of first-rate chemical engineering and this is why you should depend only on a reputed manufacturer.

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