

Desiccants & Moisture Control | Product Guide

Overview of silica gel and related moisture-control formats.

White Non-Indicating Silica Gel

- Silica gel beads used for moisture adsorption in suitable enclosed packaging and equipment.
- Available in bulk and packaged formats; select quantity based on enclosure volume, humidity, barrier properties and storage duration.

Indicating Silica Gel

- Blue and orange indicating grades provide a visual indication of moisture exposure; indicator chemistry differs by grade.
- Confirm color-change behavior, chemistry, applicable restrictions and product suitability. Do not assume all indicating grades are appropriate for food or pharmaceutical contact.

Bulk Silica Gel & Bead Sizes

- Bulk formats may be supplied in bead sizes such as 2–5 mm depending on grade and supplier.
- The AGM reference range includes white non-indicating, blue indicating, orange indicating and mixed silica gel products.

Packaged Desiccants & Container Moisture Control

- Sachets, bags and other packaged formats help contain desiccant material within a package.
- Container poles or hanging formats may be used for cargo moisture control; the correct formulation and quantity depend on route, duration, container and cargo conditions.

Selection factors

- Product sensitivity and allowable humidity
- Package/enclosure volume and barrier material
- Ambient relative humidity, temperature and duration
- Material safety, contamination constraints and desired indicator chemistry

Reference

Product family reference: <https://www.agmcontainer.com/product-category/moisture-control/bulk-desiccant/silica-gel/>

Important: This guide is a general product overview, not a binding technical datasheet or certification. Actual construction, dimensions, capacity, grade, compliance, availability and performance must be confirmed in the approved quotation and current manufacturer documentation before ordering.