

[Manuals.plus](#) /

> [Sohler](#) /

> Sohler Premium Silica Gel Desiccant Packs User Manual

Sohler DESI_FD_1G-100



Sohler Premium Silica Gel Desiccant Packs User Manual

Model: DESI_FD_1G-100

1. INTRODUCTION

Thank you for choosing Sohler Premium Silica Gel Desiccant Packs. These packets are designed to absorb moisture and humidity from enclosed spaces, protecting various items from moisture damage, corrosion, and mildew. They are ideal for use with medications, food, electronics, collectibles, and more.

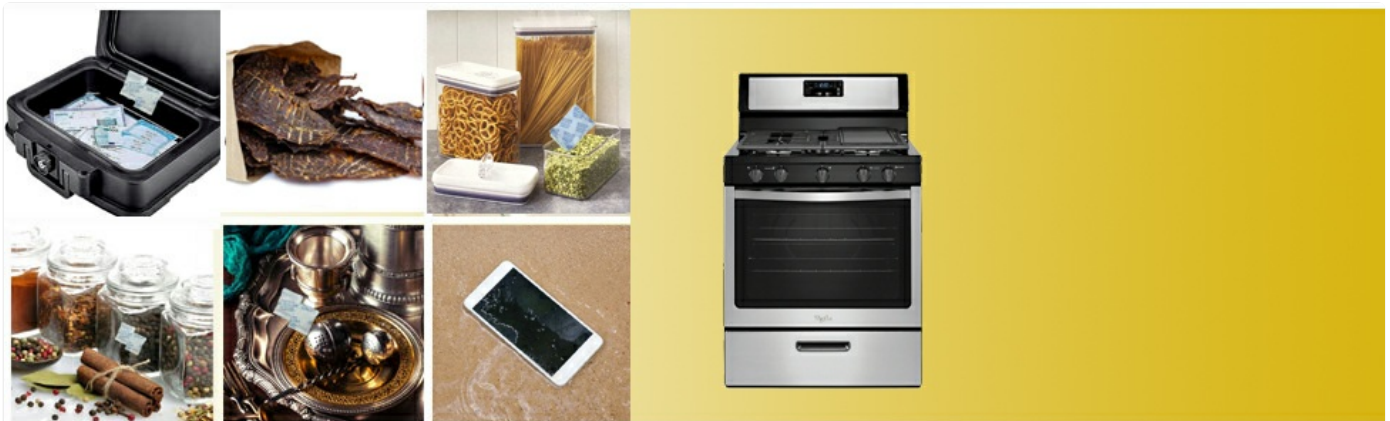


Image 1.1: Sohler Premium Silica Gel Desiccant Packs are suitable for a wide range of applications, including food and pharmaceuticals.



Image 1.2: Sohler Premium Silica Gel Desiccant Packs. Each packet is small, white, and contains blue text indicating "SILICA GEL DO NOT EAT THROW AWAY DESICCANT".

2. SAFETY INFORMATION

Please read and understand the following safety guidelines before using the product:

- **DO NOT EAT:** Silica gel is a non-toxic desiccant, but it is not intended for consumption. Keep out of reach of children and pets.
- **DISPOSAL:** Once saturated or no longer effective, dispose of the packets responsibly.
- **FOOD AND PHARMACEUTICAL CONTACT SAFE:** These silica gel packets are manufactured to be safe for direct contact with food and pharmaceutical products.
- **STORAGE:** Store unused packets in an airtight container to maintain their effectiveness.

3. PRODUCT OVERVIEW

Sohler Premium Silica Gel Desiccant Packs are designed for high performance moisture absorption. Key features include:

- **Packet Material:** Made of oil-resistant Aiwa paper, which is highly permeable for efficient moisture absorption.
- **Silica Gel Beads:** Premium transparent silica gel beads, free of cobalt chloride. They are chemically stable, safe, and do not change shape or become wet even when saturated.
- **Quantity:** Each package contains 100 individual 1-gram desiccant packets.
- **Dimensions:** Each packet measures approximately 1.38 inches x 1.31 inches.

High Quality Packets

Packet material:

- High quality coated paper, highly permeable.
- Oil resistant.
- Pharmaceutical/Food grade. Food contact safe.

Premium transparent silica gel beads:

- Free of cobalt chloride.
- No extra coloring ingredients added, chemically stable and safe.
- High performing. Each 1g packet can cover 0.5 gallon vol. container.



Image 3.1: Detailed view of the packet material and the transparent silica gel beads, highlighting their quality and composition.



Image 3.2: Sohler silica gel packets packaged in a clear bag, displaying the brand logo.

4. SETUP

No complex setup is required for these desiccant packs. Simply remove the desired number of packets from their sealed packaging just before use. Ensure the environment where the packets will be used is as airtight as possible for optimal performance.

5. OPERATING INSTRUCTIONS

To effectively protect your items from moisture, follow these guidelines:

1. **Determine Quantity:** Each 1-gram packet is designed to cover approximately 0.5 gallons (0.07 cubic feet) of volume. For enhanced protection, especially in humid environments or for highly sensitive items, it is recommended to use more packets than the suggested minimum.
2. **Placement:** Place the silica gel packets directly with the items you wish to protect inside a sealed container.

Examples of suitable containers include airtight bins, storage bags, safes, or product packaging.

3. **Applications:** These packets are versatile and can be used to protect a wide range of items, including:

- Medications and Vitamins
- Food items (e.g., beef jerky, cookies, spices, dried goods)
- Collectibles (e.g., stamps, coins, documents)
- Electronics (e.g., cameras, lenses, mobile phones, computer components)
- Valuables (e.g., jewelry, silver, leather goods)
- Firearms and Ammunition
- Books and Photographs
- Shoes and Clothing

4. **Monitoring:** While silica gel beads do not change color, their effectiveness will diminish over time as they absorb moisture. Replace or reactivate packets when they feel heavier or less effective.



Image 5.1: Protecting medications.



Image 5.2: Protecting food items like beef jerky.



Image 5.3: Protecting jewelry from tarnish.



Image 5.4: Protecting sensitive electronics and camera gear.

6. MAINTENANCE AND REACTIVATION

Sohler silica gel packets are reusable. When they become saturated with moisture and lose effectiveness, they can be reactivated to restore their moisture-absorbing properties. Follow these steps for reactivation:

- **Oven Method:** Place the packets in an oven at approximately 200°F (93°C) for about one hour. Ensure even heat distribution.
- **Microwave Method:** Place the packets in a microwave oven and heat on "Defrost Mode" for approximately 8-10 minutes. Monitor closely to prevent overheating.

Allow the reactivated packets to cool completely before reuse. Store reactivated packets in an airtight container until needed.

7. TROUBLESHOOTING

If you encounter issues with the effectiveness of your silica gel packets, consider the following:

- **Insufficient Quantity:** Ensure you are using enough packets for the volume of the container and the humidity level of the environment. For larger spaces or higher humidity, more packets are required.
- **Container Seal:** Verify that the container holding your items and the desiccant packets is properly sealed. Leaky containers allow new moisture to enter, reducing the packets' effectiveness.
- **Packet Saturation:** The packets may be fully saturated. Reactivate them using the methods described in the "Maintenance and Reactivation" section.

If problems persist, please refer to the "Warranty and Support" section for assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Sohler
Model Name	DESI_FD
Item Model Number	DESI_FD_1G-100
UPC	753864203406
Packet Weight	1 Grams (each packet)
Packet Dimensions	1.38" x 1.31" (inch)
Coverage Capacity	Approx. 0.5 gallons / 0.07 cu.ft. per 1-gram packet
Material	Oil resistant Aiwa paper (packet), Premium transparent silica gel beads
Special Feature	Portable, Reusable, Food/Pharmaceutical Contact Safe
Included Components	100 Desiccant Packets

9. WARRANTY AND SUPPORT

Sohler stands by the quality of its products. We offer a **100% Satisfaction Guaranteed** policy.

If you are in any way dissatisfied with your purchase or if the product does not perform as expected, please contact us directly. We are committed to resolving any issues and will refund your money if the product does not meet your expectations. For support, please email us with details of your problem.

For further assistance or inquiries, please visit the [Sohler brand page on Amazon](#).

