USER GUIDE · RECHARGEABLE · ORANGE TO GREEN

Orange means ready. Green means recharge.

Large silica gel desiccant bags in breathable non-woven fabric with a clear window and 20% orange indicating beads. Watch the colour through the window, recharge in a microwave or oven, and protect big spaces for years — not weeks.



20%
Orange indicating beads — visible through the window

35%
Moisture absorbed, of the bag's own weight

280 L
Coverage of one 500 g bag (100 g covers ≈ 60 L)

2 ways
To recharge: microwave or oven — again and again

THE WHOLE IDEA, IN ONE STRIP

→ →

Orange = dry and ready · **Olive** = working · **Dark green** = saturated, recharge it

Clear window check colour at a glance

Cobalt chloride free

SGS Safety Data Sheet

EU REACH 253 SVHC tested

ClimatePartner certified FXKMGW

Original printed designs copyright registered

Product Specifications

SPECIFICATION	100 G BAG	500 G BAG
Bag size	3.9 × 5.5 in 10 × 14 cm	5.9 × 8.9 in 15 × 22.5 cm
Coverage per sealed space	≈ 60 L 16 gal	≈ 280 L 75 gal
Moisture absorbed per bag	Up to 35 g 35% of its own weight	Up to 180 g 35% of its own weight
Typical pack counts	5 · 10 Bags per box	2 · 4 Bags per box
Best for	Storage bins, suitcases, filament boxes, camera cases, safes	Car interiors, closets, basements, garages, gun safes, RVs and boats

Shared specification

Desiccant	White silica gel beads, 3–5 mm, plus 20% orange indicating beads
Window	Sewn-in clear window — read the bead colour without opening the bag
Bag material	Breathable, tear-resistant non-woven fabric; dust-free and odourless
Additives	Cobalt chloride free. No blue cobalt beads, no chemical fragrance
Packaging	Vacuum-sealed for freshness, with a resealable outer bag for spare bags
Printed editions	Golf, Racing and Tennis — original designs, copyright registered
Storage	Keep sealed in a cool, dry place, away from direct sunlight

How to read the colour

Orange beads are the indicator. They start orange when the silica gel is dry and turn progressively olive, then dark green, as moisture is adsorbed. The change is reversible — heating drives the moisture out and the beads return to orange. Check the window weekly in humid seasons.

Orange
Dry — ready to use

Olive
Absorbing — still working

Dark green
Saturated — recharge now

Why a window? Big spaces hide big problems. The clear window turns the whole bag into a gauge: one look tells you whether your car, safe or closet is protected. In very humid air a bag can go from orange to dark green within days, and a bag left saturated for months is slower to recover.

THE COLLECTION · REAL PRODUCT PHOTOS



100 g · Plain
≈ 60 L · 10 × 14 cm



500 g · Plain
≈ 280 L · 15 × 22.5 cm



Golf
Original design · copyright registered



Racing
Original design · copyright registered



Tennis
Original design · copyright registered

Two sizes, three designs. The 100 g bag suits closed boxes, cases and safes; the 500 g bag covers whole rooms, vehicles and large storage areas. Golf, Racing and Tennis are original Fonday designs with registered copyrights — same fabric, same clear window, same 20% orange indicating beads.

SECTION 02

How to Use

Four steps, one minute. The only rule that matters: a desiccant works in a sealed or enclosed space. In open air it saturates quickly and protects nothing.

01

Choose by space

One 100 g bag covers about 60 L — a large bin or suitcase. One 500 g bag covers about 280 L — a car interior, closet or basement room. When in doubt, add a bag.

02

Place it where air moves

Lay the bag on top of or beside your items, window facing out. Do not bury it at the bottom of a full bin — air has to reach the fabric.

03

Close the space

Shut the doors, lid or zipper. In a car or closet, simply close it up. Every gap lets humid air back in and shortens protection time.

04

Watch the window

Check the bead colour through the clear window. Recharge when the beads turn dark green. Unused bags go straight back into the resealable outer bag.

Important. This product is a moisture absorber for enclosed spaces, containers and vehicles. It is **not intended for use with food, pharmaceuticals, or dietary supplements**, and must not be placed in direct contact with any items meant for eating or drinking. Keep bags out of reach of children and pets, and never eat the contents.

SECTION 03

Where It Works

Anywhere moisture is the enemy: vehicles, rooms, cabinets, cases and containers.

Car & windshield

Fights foggy glass and damp interiors — park with a 500 g bag inside overnight.

Gun safes & ammo cans

Fights rust and corrosion on firearms, tools and ammunition between uses.

Closets & wardrobes

Keeps leather, shoes and seasonal clothing free of mildew and musty smell.

Basements & garages

Controls damp in storage rooms, workbenches and shelving zones.

RVs & boats

Cabins, lockers and hatches — stops damp between trips and in winter storage.

Storage bins & suitcases

Protects bedding, clothing and gear in long-term sealed storage.

Cameras & electronics

Lenses, game consoles and circuit boards — protects optics from fog and fungus.

3D printing filament

Keeps PLA, PETG and nylon dry in sealed boxes — no bubbling or brittle prints.

SECTION 04

Recharge & Reuse

When the beads are dark green, the bag is not finished — it is full. Heat drives the moisture back out and the beads return to orange, ready for another cycle.

1 · Check colour
Dark green across the window

→

2 · Heat
Oven 0.5–1 h or microwave 4–6 min per cycle

→

3 · Cool down
Back to room temperature

→

4 · Seal & reuse
Bag it airtight until next time

Oven Method

RECOMMENDED

1. Heat the oven to **200 °F (95 °C)**. Convection or conventional both work.
2. Lay the bags on a rack or baking sheet in a **single layer** — flat, not folded, not stacked.
3. Bake for **0.5–1 hour**. Use the longer end for 500 g bags or heavily loaded ones.
4. Check at 30 minutes. The beads should read orange again; the fabric must not brown or scorch.

Microwave Method

FASTER

1. Place the bags on a **microwave-safe plate**, spaced apart, **back side up**.
2. Recharge at **1000 W**: **4 minutes** for 100 g bags, **6 minutes** for 500 g bags.
3. Let the bag cool back to **room temperature**, then recharge for **the same time again** — another **4 minutes** for 100 g bags or **6 minutes** for 500 g bags. Repeat the cycle until the beads turn from **dark green back to orange**.
4. Never use high power or a metal tray. Overheating melts the fabric and scorches the beads.

DO

- Recharge only when the beads are dark green — heating a dry bag shortens its life.
- Let bags cool completely before handling or sealing them back into the outer bag.
- Keep the resealable outer bag closed; a recharged bag starts absorbing immediately.
- Reheat as often as needed — just cool the bag back to room temperature between cycles. Each full cycle restores the same absorption capacity.

DON'T

- Don't microwave the resealable outer bag, or any bag still inside plastic packaging.
- Don't use the highest power setting, a metal tray, or an oven above 250 °F (120 °C).
- Don't handle hot bags — the fabric and beads hold heat and can burn.
- Don't use this product with food, pharmaceuticals, or dietary supplements.
- Don't reuse a bag that is torn, leaking, discoloured brown or burnt. Discard it.

Colour check after cooling. Beads read darker while warm. Wait until the bag is back at room temperature before judging the colour — orange means the cycle is complete, olive means heat it again. Keep repeating cool-down and heating until the beads turn orange.

Certifications & Compliance

Independently tested by SGS and certified by ClimatePartner. Registration numbers are listed below so buyers, distributors and customs can verify each document.

CERTIFICATE 01

Safety Data Sheet

SGS-CSTC Standards Technical Services
(Qingdao) Co., Ltd

REPORT NO.
EECSSDS2602031601

SGS job no.	SZP26-006039
Standard	Annex II of REACH (EC) 1907/2006 · Regulation 2020/878
Issue date	12 February 2026
Product	Fonday Rechargeable Moisture-Indicating Silica Gel Desiccant
Classification	Non-hazardous — no hazard pictogram, no signal word

CLASSIFIED NON-HAZARDOUS

CERTIFICATE 02

EU REACH · SVHC

SGS-CSTC Standards Technical Services
Co., Ltd. Guangzhou Branch

REPORT NO.
CANEC26003121702

SGS job no.	SZP26-005851
Scope	253 substances on the ECHA Candidate List (published on or before 4 Feb 2026)
Regulation	(EC) No. 1907/2006
Issue date	10 February 2026
Result	All screened SVHC ≤ 0.1% (w/w) in the submitted sample

PASS · ALL SVHC ≤ 0.1%

CERTIFICATE 03

Product Carbon Footprint

ClimatePartner
Boston, Massachusetts, USA

CERTIFICATION ID
FXKMGW

Report	GHG Compliant Report — Silica Gel Desiccant Packets (Version 1)
Inventory date	3 February 2026
Scope	Cradle-to-grave, GHG Protocol Product Standard
Result	14.1 kg CO_2e per unit of analysis
Status	Climate Pledge Friendly on Amazon

CLIMATEPARTNER CERTIFIED · ID FXKMGW

QUICK REFERENCE

How many bags do I need?

TYPICAL SPACE	VOLUME	RECOMMENDED	BAG SIZE
Large storage bin, suitcase, camera case, filament dry box	Up to 60 L (16 gal)	**1 × 100 g**	10 × 14 cm
Car interior, closet, wardrobe zone, gun safe	60–280 L (16–75 gal)	**1 × 500 g**	15 × 22.5 cm
Basement room, garage bay, large RV or boat cabin	280–560 L (75–150 gal)	**2 × 500 g**	15 × 22.5 cm
Whole vehicle plus trunk, or large storage areas	Each further 280 L	**+1 × 500 g**	15 × 22.5 cm

Silica gel CAS No. 112926-00-8 (amorphous, non-crystalline). Applicant: SHENZHEN SHI FANGDEJIANGXIN E-COMMERCE CO., LTD. This guide applies to Fonday 100 g and 500 g window bags in plain fabric and in the Golf, Racing and Tennis printed editions (designs copyright registered). Full SDS, REACH and carbon footprint documents are available at **www.fondayair.com** or on request from Fonday customer support.