FONDAY MOISTURE CONTROL · ORANGE INDICATING SILICA GEL

Rechargeable Desiccant Beads

Orange indicating silica gel in colour pouches and refill jugs from 1.2 to 12 lb. The beads pull moisture out of enclosed spaces, turn from orange to dark green when they are full, and recharge for repeated reuse in a microwave or oven.



Orange Indicating Silica Gel

$CoCl_2$ free · Turns orange to dark green

3–5 mm
Industry standard bead size across every jug and bucket

Up to 35%
Of its own weight in moisture absorbed by silica gel beads

1.2–12 lb
Six pack sizes across the orange range

2 ways
Recharges in a microwave or oven

$CoCl_2$ free orange formula

Colour change orange to dark green

Microwave & oven rechargeable

Reusable many times

Beads 3–5 mm

Not for food, drugs or supplements

THE RANGE

Orange indicating silica gel

The orange formula uses the same 3–5 mm industry standard bead and the same rigid refill buckets with a pour-friendly neck. Sizes run from a 1.2 lb colour pouch to 12 lb buckets, and every pack recharges in a microwave or oven.



COCL$_2$ FREE

Orange Indicating Silica Gel

- Beads are orange when dry and turn dark green as they absorb moisture.
- Sizes: 1.2, 2, 4, 6, 8 and 12 lb.
- The 1.2 lb pack is a colour pouch; all other sizes come in buckets.

SIZE	NET WEIGHT	PACKAGING	INCLUDED MESH BAGS	FORMULA
1.2 lb	19.2 oz · ≈544 g	Colour pouch, 20 × 30 cm	—	Orange silica gel
2 lb	32 oz · 907 g	Bucket	—	Orange silica gel
4 lb	64 oz · 1.81 kg	Bucket	—	Orange silica gel
6 lb	96 oz · 2.72 kg	Bucket	—	Orange silica gel
8 lb	128 oz · 3.63 kg	Bucket	—	Orange silica gel
12 lb	192 oz · 5.44 kg	Bucket ×2 (2 × 6 lb)	—	Orange silica gel

Bulk packs: the 12 lb pack contains two 6 lb buckets, so you can rotate one bucket in service while the other recharges. Every bead in this guide measures 3–5 mm and can be poured straight into any breathable container of your own.

HOW TO USE

Place, watch, recharge

Fonday beads work in any enclosed space. Put them in, let them pull the moisture out, and watch the colour to know exactly when it is time for a recharge.

Place the beads 01

Set a bucket inside the space, or pour beads into a breathable pouch or container and tuck them next to what you are protecting. Keep the space closed.

Let them work 02

The beads absorb moisture from the air and from the items around them. Drying takes from a few hours to several days depending on how damp the space is.

Check the level 03

Read the bead colour. The guide below shows exactly what each stage means.

Recharge & reuse 04

When the beads are saturated, dry them in a microwave or oven (page 4). Once cool, they are ready to go back to work.

READING THE BEADS

What the colour is telling you

Orange indicating silica gel

Cobalt-chloride-free formula



Orange dry

Dark green saturated

Beads are orange when they are dry and ready to use. They turn dark green as they absorb moisture. Recharge when most of the beads have turned dark green.

COMMON USES

Anywhere trapped moisture causes trouble

3D printer filament

Keep spools bone dry in dry boxes and storage cabinets to stop brittle prints and stringing.

Camera & optics

Protect lenses, bodies and sensor bags from fungus and fogging in cases and cabinets.

Safes & tool boxes

Stop rust on firearms, tools and dies inside gun safes, cabinets and drawers.

Electronics & parts

Dry components, boards, seeds and powders in storage bins and component drawers.

Closets & storage

Fight musty smells and damp patches in wardrobes, suitcases and storage totes.

Boats, RVs & gear

Control moisture in cabins, campers, tackle boxes and camping gear between trips.

This product is not for use with food, drugs, or dietary supplements. Keep the beads and buckets out of reach of children and pets, and wash your hands after handling.

RECHARGE & CARE

Bring the beads back to life

Heating drives the absorbed moisture back out of the beads. Orange silica gel recharges in a microwave or an oven, and is ready to go back to work once it has cooled.

Microwave

ORANGE SILICA GEL

1. **Pour a layer of beads** into a microwave-safe bowl — no metal, and never microwave the bucket.
2. **Heat on the defrost setting** for 7–10 minutes per 500 g of beads.
3. **Stir carefully** — the beads will be hot — then continue in 1-minute bursts until the colour is fully back to orange.
4. **Cool completely** to room temperature before returning the beads to the bucket or bags.

Oven

SILICA GEL

1. **Preheat** to 200–250 °F (93–121 °C).
2. **Spread the beads** no thicker than about 2 cm on a baking tray — never place the bucket in the oven.
3. **Heat** for 0.5–2 hours.
4. **Cool completely**, then store in an airtight container until the beads go back to work.

WHERE TO BUY

Find Fonday on Amazon

Orange Indicating Silica Gel
ASIN B0BXJNJ73M
www.amazon.com/dp/B0BXJNJ73M

Available sizes vary by marketplace and pack. Please check the listing in your store before ordering.

Safety when recharging: beads and trays stay hot long after heating — let them cool before handling. Never overheat, never add water to hot beads. This product is not for use with food, drugs, or dietary supplements.

CERTIFICATES

Tested, reported, certified

Independent documentation for this formula. Certificate numbers are quoted below and can be verified with the issuing bodies.

CERTIFICATE	ORANGE INDICATING SILICA GEL
Safety Data Sheet (SDS) SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd. Issued 12 February 2026 · SGS job no. SZP26-006039 Prepared to Annex II of REACH (1907/2006) — Regulation 2020/878	**EECSSDS2602031801** Fonday Premium Moisture Indicating Silica Gel Desiccant
EU REACH · SVHC screening SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Issued 10 February 2026 · SGS job no. SZP26-005851 253 Candidate List substances per Regulation (EC) No. 1907/2006	**CANEC26003121704** All screened SVHC ≤ 0.1% (w/w) — Pass
Product carbon footprint ClimatePartner LLC, Boston, Massachusetts, USA Inventory date 3 February 2026 · GHG Protocol Product Standard Report: Barrel Silica Gel Desiccant (Version 1), cradle-to-grave	**35.78 kg CO_2e** Per 6.37 kg bottle of silica gel, retail packaging included

QUICK REFERENCE

How much do I need?

TYPICAL SPACE	GETTING STARTED	BEST PICK
Safes, tool boxes, camera cases, filament dry boxes	1 × 2 lb bucket, or beads in a breathable container	Colour change tells you when to recharge
Closets, wardrobes, storage totes, small rooms	1 × 4 lb or 6 lb bucket	Colour monitoring as beads turn dark green
Walk-in closets, basements, RV and boat cabins	1 × 8 lb or 12 lb pack	12 lb bulk pack lets you rotate buckets
Garages and bulk storage	Multiple 8 lb or 12 lb packs	Rotate buckets as they saturate

Silica gel CAS No. 112926-00-8 (amorphous, non-crystalline). Applicant: SHENZHEN SHI FANGDEJIANGXIN E-COMMERCE CO., LTD. This guide applies to Fonday orange indicating silica gel beads in 3–5 mm, in 1.2 to 12 lb packs. It does not cover Fonday blue indicating silica gel, activated alumina, flower drying crystals or 1–500 g sachet products, which have their own guides. Full SDS, REACH and carbon footprint documents are available at **www.fondayair.com** or on request from Fonday customer support. This product is not for use with food, drugs, or dietary supplements.