

DRY-BRIK® III

Desiccant

Product Information

The Dry-Brik contained in the Dry & Store® family of products has two important functions:

(1) to permanently remove the moisture molecules that are released from the devices during the warm drying cycle, and (2) to drive the relative humidity inside the box to a much lower level than is possible with just a heater, thus maximizing the drying capability.

Boxes using heat alone lower the relative humidity by warming the air, but the amount of moisture in the air does not change. While warm air can hold more moisture than cool air, unless the water is removed, it can condense right back where it was when the heat goes off. That's where the desiccant comes in.

Products without a desiccant might work fine in a desert, but in a humid environment they are simply ineffective. The Dry & Store family of products uses Dry-Max™ technology: a controlled amount of warm dry air, a soft but continuous flow of air around all of the small ports and openings in an electronic device like a hearing instrument, and the powerful Dry-Brik II desiccant to do the job right!



Physical Properties

- **Weight:** .8 oz (22.8 g)
- **Size:** 1.625" wide x 3" deep x .625" high (4.1 cm x 7.6 cm x 1.6 cm)

Product Compatibility

The Dry-Brik desiccant is compatible with all of the Dry & Store models.

Composition

The Dry-Brik desiccant is a molecular sieve, which is a much more aggressive desiccant than silica gel. Moreover, mol sieve (pronounced "MOL siv") is better suited for the operating temperature of Dry & Store. Silica gel doesn't work as well as mol sieve at our operating temperatures.

Frequently Asked Questions

Is it really that important to replace the Dry-Brik every two months or is this just a gimmick to sell stuff?

Any quality device that has drying as one of its benefits must provide a place for the moisture to go when it is removed from the hearing instrument. The Dry-Brik II performs that function, and it performs it very well indeed. Even so, the capacity of the Dry-Brik is not unlimited, and eventually there will be no place for the moisture to go. Changing the Dry-Brik II every two months ensures most users will never reach that saturation point.

My supplier says the Dry-Brik II will stay active for two months. How do I know?

Through testing in a variety of relative humidity conditions, the desiccant type was heavily researched – and the quantity carefully calculated – to ensure at least a two-month life expectancy for a single user operating the Dry & Store appliance 8 hours every night.

What is the shelf-life of Dry-Brik II?

With the foil cover intact and stored in a climate-controlled environment, a Dry-Brik II has a shelf-life of at least a year.

Can I recharge the Dry-Brik in my oven?

No. The temperature required to break the polar bond between the adsorbed moisture and the pores of the sorbent material is far too high and would melt the plastic.

There is a strip of copper on the end of the Dry-Brik II. What's that for?

The copper strip is for use with the Dry & Store Professional model, as part of that model's desiccant detection system. The copper strip is not needed for other models.

The original Dry-Brik eliminated odors. Does the Dry-Brik II also eliminate odors?

Yes. Undesirable odors are caused by molecules of certain compounds (usually organic) that our senses find unpleasant. The millions of microscopic pores in the new sorbent grab odor molecules as tightly as moisture molecules. In addition, the Dry-Brik II contributes to the very low relative humidity in any Dry & Store model, creating an inhospitable environment for odor-causing bacteria to reproduce.

How safe is the Dry-Brik II?

Very safe. Since the sorbent material is completely enclosed, no contact between the user and the sorbent can take place without cutting tools.