

Pro-Ex Australia offer a range of oxygen absorbers to protect your products from damage due to oxidization.

Why use Oxygen Absorbers?

Oxygen Absorbers remove **oxygen** and **carbon dioxide** in a closed environment to:

- prolong shelf life
- protect against mould growth
- prevent growth of microbes
- stop fat from oxidising
- maintain original taste, colour and consistency



Where can I use Oxygen Absorbers ?

Oxygen Absorbers can be used for a wide range of food products. **Typical applications** include:

- seeds, nuts and dried fruits
- beef jerky and dried foods
- breads, cakes, biscuits and other bakery items
- herbs, tea and tobacco
- pet foods
- coffee



An oxygen free environment can be reached within 24 hours at normal temperature.

What are the main ingredients?

Pro-Ex stock iron-based **Type A Oxygen Absorbers**. Main Ingredients include iron powder, active carbon powder, salt, diatomite granule and water. Oil proof packaging material: PET/EVA/PAPER/PE.

How many Oxygen Absorbers do I need?

Oxygen Absorber Calculation

$$\text{Oxygen Volume (CC)} = \text{Sealed Package Dimensions (cm): (Length x Width x Depth)} - \text{Food Weight (g): contents only} \times 20\%$$



Pro-Ex Australia Oxygen Absorber range

Oxygen Absorber Range	Absorbing Oxygen Capacity (ml)	Sachet Dimension (mm)	Sachet Weight (g)	Sachets Per Bag	Sachets Per Carton	SKU
Type A 30CC	30	30 x 40	1.1 ± 0.2	200	6,000	OA-30CC
Type A 50CC	50	40 x 45	1.7 ± 0.2	200	5,000	OA-50CC
Type A 100CC	100	40 x 55	3.3 ± 0.2	100	2,500	OA-100CC
Type A 200CC	200	50 x 60	6.6 ± 0.3	50	1,500	OA-200CC
Type A 500CC	500	70 x 85	14.5 ± 1.4	50	1,000	OA-500CC

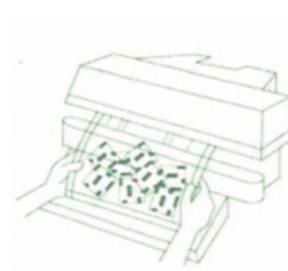
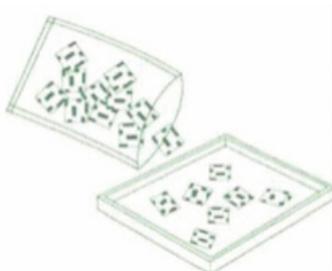
Handling Instructions

Check the vacuum condition of the master bag. If it is no longer in a vacuum condition, the product in the bag should be treated as expired and discarded. The sachets in the master bag must be used within 30 minutes of opening. After this time, the sachets will begin to lose their absorbing capacity.

Storing Unused Oxygen Absorbers

The shelf life of oxygen absorbers is up to 18 months. Ensure sachets are stored at room temperature (5*c to 30*c) in their sealed package before use. Do not expose to direct sunlight during storage. Keep at room temperature for long term storage. After 30 minutes, exposed oxygen absorbers will begin to deteriorate. Absorbing capacity can be preserved by vacuum sealing unused sachets as follows:

- 1** Our oxygen absorber packets are vacuum packed in master bags. If a master bag loses its vacuum seal, and the sachets can slip when you hang the bag, please DO NOT use the sachets in this bag.
- 2** After opening a master bag, you can spread out the required quantity of sachets in a tray for usage.
- 3** The remaining sachets should be resealed in the master bag after pressing out the air from the bag, or using a vacuum heat sealer to seal.



Note

Oxygen absorbers do not contain any ethyl alcohol and it has not been used in the manufacturing process. No ingredients of animal origin have been used.

