



PROTECTION EXPERTS  
AUSTRALIA

# In the Home Catalogue

We'll beat any reasonable quote

Solutions to  
protect your  
household items  
from damage



[pro-ex.com.au](http://pro-ex.com.au) 02 9945 0593

Can't find what you're looking for?

Contact us, we'd be happy to source it for you!

oxygen absorbers

hanging absorber

silica gel

storage absorbers

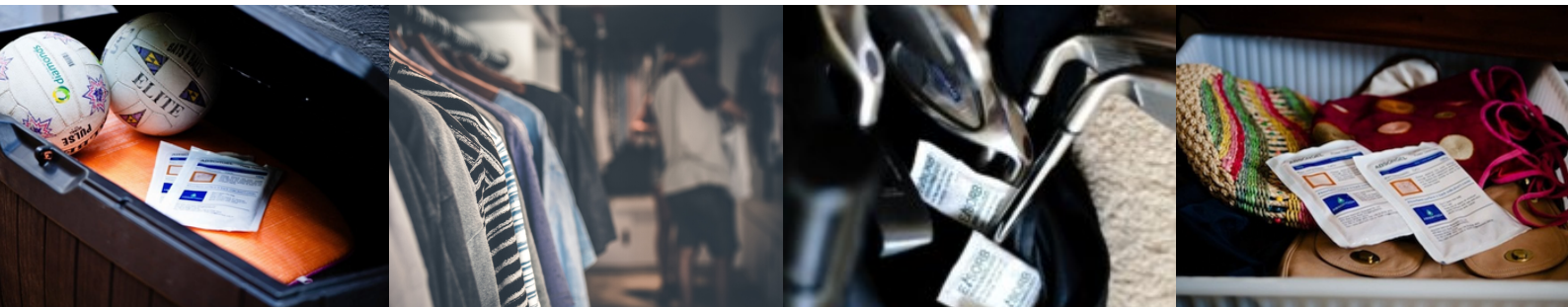
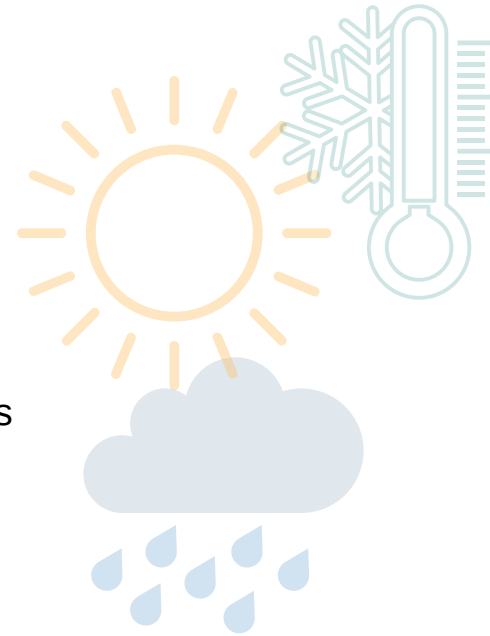


## Why do I need absorbers in my home or office?

Our homes and offices are exposed to the vagaries of environmental conditions. Seasonal fluctuations, day and night temperature changes, as well the mere presence of breathing humans and pets, heaters and air conditioners all impact the moisture conditions in and around the house.

Good ventilation by regularly opening windows and doors is a great way to combat the build up of moisture within the home. However this can only go so far.

What about those boxes stacked in the attic or the back of the cupboard rarely opened? The sporting equipment that gets packed away for the winter months? Electronic gadgets tucked away in a downstairs garage? For these situations, moisture absorbers can take the lead and keep mould and odours at bay.



### Typical places to use Absorbers

- ✓ Clothing Cupboards
- ✓ Bathrooms Cupboards
- ✓ Laundry Cupboards
- ✓ Pantry
- ✓ Tool Shed
- ✓ Storage Boxes/Rooms
- ✓ Garages

### Household items at risk of damage

- ✓ Clothes
- ✓ Decorations
- ✓ Shoes
- ✓ Photo Albums
- ✓ Certificates
- ✓ Keepsakes
- ✓ Electronics



**Hanging Absorbers** are the next generation of absorbers. They recognise the unique demands of protecting items around the home - the problem areas, space constraints and ease of use.

The Pro-Ex Hanging Absorber range are versatile absorbers with a handy hook allowing you to easily hang the units neatly within cupboards.



## Absorgel 250g with Hook

- Active Ingredient: Calcium Chloride
- Absorbing Capacity: **300%**
- Dimensions: 42cm x 14cm x 2cm
- Weight: 290g
- Superior absorption capabilities
- Rapidly absorbs moisture
- Can not come in contact with metal
- SKU: ABSH-14



## Esorb 500g with Hook

- Active Ingredient: Calcium Chloride + Montmorillonite Clay
- Absorbing Capacity: **70%**
- Dimensions: 25cm x 15cm x 1cm
- Hanging hook makes installation a breeze
- Cost effective alternative desiccant
- Two times more effective than equivalent silica gel products
- Environmentally friendly
- Non-toxic material, it can be disposed with regular waste
- Not to be used with organic or metal componentry
- Does not contain DMF
- SKU: ABSH-15





## Absorgel Pouches



- Active Ingredient: Calcium Chloride
- Absorbing Capacity: **300%**
- Superior absorption capabilities
- Rapidly absorbs moisture
- Can not come in contact with
- Available in a variety of sizes



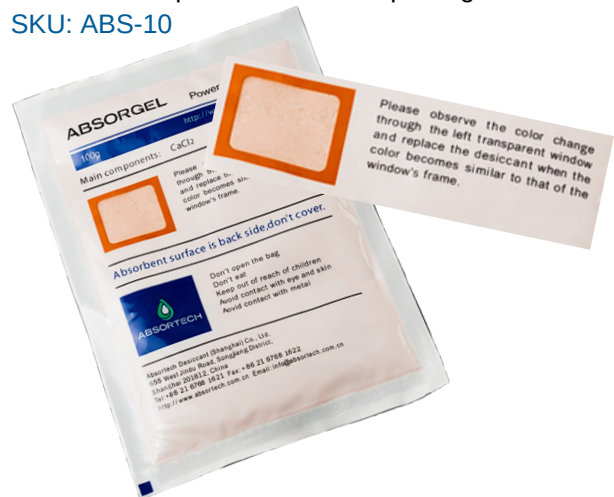
### Absorgel Pouch 25g

- Dimensions: 12.5 x 11 x 1cm
- Weight: 25g
- SKU: ABS-11



### Absorgel Pouch 100g

- Dimensions: 21 x 15.5 x 1sm
- Weight: 100g
- Self-indicating! Desiccant changes colour when spent and needs replacing
- SKU: ABS-10



## Silica Gel

- Active Ingredient: Silica Gel
- Absorbing Capacity: **30%**
- Well known
- Suitable for organic and metal cargo
- Requires a stable environment to work effectively
- Available in a variety of sizes

Product Name	Weight (g)	Product Dimension (cm)	Units/Ctn	SKU
Silica Gel 1g	1	1.8 x 3.9	7000	SD-1g
Silica Gel 5g	5	4.5 x 6.5	2000	SD-5g
Silica Gel 10g	10	6 x 8	800	SD-10g
Silica Gel 50g	50	7.8 x 11	240	SD-50g



Removes **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



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.

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

Pro-Ex stock the 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



## 1. Measure Sealed Chamber Volume



Key to calculating your oxygen absorber requirements is isolating the dimensions of the **sealed chamber**. All measurements should therefore be made from 'seal to seal' (see dotted lines).



Depth = 6.5cm  
 Width = 10.5cm  
 Length = 15cm  
 Net Weight = 150g

## 2. Calculate Oxygen Absorber needs

Oxygen Absorber Calculation			
Oxygen Volume (CC)	=	Sealed Package Dimensions (cm): (Length x Width x Depth)	- Food Weight (g): <i>contents only</i> x 20%
	=	(15 x 10.5 x 6.5)	- 150 x 20%
Oxygen Volume (CC)	=	174.75	

## 3. Understand the results

1 x 200cc Oxygen Absorber sachet OR  
 2 x 100cc Oxygen Absorber sachet OR  
 3 x 50cc Oxygen Absorber sachet OR  
 6 x 30cc Oxygen Absorber satchet