

## STANDARDS



Survivair Re-useable respirators and Willson Airvisors are designed for performance and comfort, reflecting the Bacou-Dalloz commitment to quality.

Design, manufacturing and test requirements are covered in AS/NZS 1716. Bacou-Dalloz respiratory protective devices meet the stringent requirements of this standard. Please refer to approval details throughout the catalogue.

For selection, use and maintenance of respiratory devices please refer to AS/NZS 1715. This standard sets out principles of respiratory protection and makes recommendations for the selection, use and maintenance of respirators.

## IMPORTANT SAFETY CONSIDERATIONS

Harmful substances may be in the form of dusts, mists, fumes, gases and vapours, or combinations of these substances. There are many important factors to be considered before choosing which respirator is most suitable for an application:

1. Ensure there is sufficient oxygen present. Please refer to standards or regulations for concentration level details.
2. Determine the physical and chemical properties of the contaminant, which can be ascertained from the most current Material Safety Data Sheet (MSDS) for the substance concerned, or from other appropriate reference material.
3. Determine the concentration of the contaminant in your workplace environment. Lower capacity respirators are only designed to work in concentrations up to a certain level and you may need to use a different respirator depending on the concentration present.
4. Assess the working conditions and respirator protection factor. P2 respirators are for protection against mechanically and thermally-generated particulates. Class P3 respirators are intended for use against all particulates including highly toxic materials. Other filter types or types of respirators are to be considered for protection from gases and vapours. The type of contaminant and concentration will determine which filter/respirator is required. You need to know the work place exposure standard for the contaminant, e.g. 'Worksafe Australia Exposure Standards for atmospheric contaminants in the occupational environment' or 'OSH Workplace Exposure Standards and Biological Exposure Indices for New Zealand'.
5. Select the right respirator / filter for the task, and ensure a proper face fit. This should be based on determining the concentration levels of the contaminant, and selecting a respirator which will provide adequate protection. When using replaceable filter respirators, you must implement a respirator maintenance program in accordance with AS/NZS 1716.
6. Conduct training in the need for and correct use of respirators. Product training and motivation of users of personal protective equipment is vital to ensure the user's complete understanding of a respiratory protection program.

## Re-Useable Respirators

A reusable respirator is a device, incorporating a half face piece, full face piece or head covering with filters which remove finely divided solids or liquid matter (particulates) or gases and vapours from the air which could be inhaled by the wearer. The filter medium is replaceable.

There are three classes of particulate filters suitable for filtering finely divided solid or liquid particles, or both, from inhaled air. These are classified in accordance with the tests in AS/NZS 1716, P1, P2 and P3.

For non-powered respirators, a class P3 respirator classification can only be assigned where a class P3 filter is combined with a full face piece to ensure that the effectiveness of the facial seal is more compatible with that of the filter.

Re-useable respirators can also be combined with filters to protect against contaminants such as organic vapours, acid gases, sulphur dioxide and ammonia.

**P1**

P1 intended for use against mechanically generated particulates

**P2**

P2 intended for use against mechanically and thermally generated particulates

**P3**

P3 intended for use against all particulates including highly toxic materials



## FITTING INSTRUCTIONS - REUSABLE RESPIRATORS



## Exclusive Features of the Survivair Range

Survivair have been protecting workers against respiratory hazards in all kinds of environments since 1961, offering the industry's most comprehensive range of air purifying respirators (APR), powered air purifying respirators (PAPR), supplied air respirators (SAR) and self-contained breathing apparatus (SCBA).

With Nine half mask styles and sizes, five full facepiece configurations, and a full cartridge line, Survivair respirators provide one source for more faces and applications. When you're on the job, you know you can be safe and secure with Survivair. All Survivair re-useable masks are manufactured from lightweight silicone to prevent oxidation reaction with ozone and loss of elasticity and provide durability and unmatched comfort.

Survivair offer a complete range of replacement parts providing significant operational cost savings.

Survivair 2000 series half masks and 4000 series full face masks can be easily converted to a PAPR or SAR unit, providing great multi purpose respirators capable of providing protection against just about any contaminant at just about any concentration level.

All Survivair re-usable half and full face respirators have been approved to AS/NZS 1716, so you can breathe easy knowing that your Survivair respirator will provide you with the protection you need.



### 1 COMFORTABLE

Lightweight silicone construction provides wearer comfort.

### 2 FLEXIBLE

Easily convert to a PAPR or SAR system providing great multi purpose respirators.

### 3 BREATHE EASY

Large inhalation ports provide lower breathing resistance enhancing wearer fit.

### 4 ACCOMMODATING

Various size masks across all models to allow for different face shapes and sizes.

### 5 GREAT BACKUP SERVICE

Complete range of replacement parts providing significant operational cost savings.



- 1 Loosen the elastic band without completely pulling the band out of the slots in the crown suspension.
- 2 Pull gently on the lower neck strap, creating a large loop.
- 3 Pull lower neck strap loop over the head.

- 4 Place the respirator to the face, covering the mouth and nose. (The narrow part of the facepiece should be over the nose.) Pull the crown suspension over the head and adjust its placement until it is comfortable.

- 5 Using both hands, grasp the free ends of the elastic band and gently pull the elastic straps away from your face until the respirator is snug and seated comfortably. Be sure the neckstrap is flat and smooth against the back of the neck. To tighten the neckstrap, make intermediate adjustments at the straps as they exit the top slots on the yoke. Gently pull the free ends to make final adjustments. Do not overtighten the respirator to your face.

WARNING: In any circumstance, if you cannot achieve a satisfactory fit, do NOT enter the contaminated area.



A versatile range giving you a choice of protection in many different hazardous situations.

Lightweight silicone construction and an impressive variety of features make the Survivair 2000 Series one of the industry's most comfortable, user friendly half mask air purifying respirators.

It has a large, pliable sealing area, providing excellent wearer fit. Oversized inhalation ports provide lower breathing resistance, enhancing wearer comfort. An angled, self adjusting nose bridge fits a variety of nose shapes and sizes comfortably and accommodates safety or prescription eyewear. An improved yoke design gives a snug, secure fit, and reduced facepiece slippage, yet permits easy donning and doffing. A computer-designed facepiece allows optimal speech communication without the aid of a speaking diaphragm.

The Survivair 2000 Series half masks are the ideal air purifying respirator for people that use masks on a regular basis.

**Applications:**

Suits numerous applications. Filters are available to protect against various contaminants

**2000 SERIES HALF MASK**



Lightweight silicone construction with an impressive range of features provides a comfortable user-friendly half mask.

**Special Features**

- Oversized inhalation ports provide lower breathing resistance.
- Comfortable, angled self-adjusting nose allows for safety eyewear.
- Yoke design gives a snug secure fit and reduced facepiece slippage.
- Optimal speech communication without the aid of a speaking diaphragm.
- Replacement parts available for significant operational cost savings.

Part No.

250000 SMALL SIZE • 260000 MEDIUM SIZE • 270000 LARGE SIZE

Safety-first protection from hazardous dust, fumes and vapours of spray painting and welding.

These handy value add half mask kits from Survivair offer a quick and easy option for accurate filter selection targeting two popular applications which require respiratory protection. The Kits are available in small medium and large to suit all types of face sizes.

There are two options in the Survivair Kit range:

- The Spray Painters Kit - which includes the 3000 Series Survivair half face mask, two Organic Vapour cartridges for protection against naturally occurring vapours, two P2 pre filters for protection against dust, mist and fume and two filter retainers, used to attach the pre filters to the organic vapour cartridges.
- The Welders Kit which includes the 3000 Series Survivair half mask and P2 filters to protect against dust, mist and fume.

**Applications:**

Suitable for Spray painting in low level contaminated environments and welding applications

**3000 SERIES KITS**



Pre-packaged kits include comfortable half mask and filters to suit specific applications.

**Special Features**

- Made from comfortable, pliable grey silicone to prevent oxidation, reaction with ozone and loss of elasticity.
- Yokeless head harness will not interfere with filter attachment.
- Conveniently packaged to include mask and filters to suit spray painting and welding applications - grab a bag and go.

Part No.

U351033 SPRAY KIT SMALL SIZE • U351034 SPRAY KIT MEDIUM SIZE  
U351035 SPRAY KIT LARGE SIZE • U351036 WELDERS KIT SMALL SIZE  
U351037 WELDERS KIT MEDIUM SIZE • U351038 WELDERS KIT LARGE SIZE

An industry first. Comfortable, pliable silicone construction with optional speaking diaphragm.

The innovative Survivair Blue 1 half mask was the first silicone half mask respirator on the market, and the first to offer an optional speaking diaphragm, providing an economical solution for improving communication in noisy work environments.

The Blue 1 is made from comfortable pliable silicone to prevent oxidation reaction with the ozone and to prevent the respirator losing elasticity even in extremely hot or cold environments.

An excellent choice for professionals, the Survivair Blue 1 can accept a full range of Survivair threaded replacement cartridges/filters making the mask suitable for a wide variety of applications. On top of this a complete line of replacement parts are available providing significant operational cost savings.

**Applications:**

Suits numerous applications. Filters are available to protect against various contaminants

**BLUE 1 HALF MASK**



The only half mask with a speaking diaphragm, an economical choice to improve communication in noisy work areas.

**Special Features**

- Comfortable, pliable silicone prevents oxidation and elasticity loss.
- Yokeless head harness will not interfere with filter attachment.
- Speech diaphragm for communication in noisy work environments.
- Replacement parts available for significant operational cost savings.
- Facepiece skirt is covered by a 5-year warranty.

Part No.

210010 SMALL SIZE • 220010 MEDIUM SIZE • 230010 LARGE SIZE

Lightweight, comfortable, and loaded with features such as lower breathing resistance.

Lightweight silicone construction and impressive features make the Survivair 3000 Low Maintenance masks one of the most comfortable, user friendly half mask air purifying respirators.

There is a large, pliable sealing area, providing excellent fit. Oversized inhalation ports provide lower breathing resistance, enhancing wearer comfort. An angled, self adjusting nose bridge fits a variety of shapes comfortably and accommodates safety or prescription eyewear.

An improved yoke design gives a secure fit, and reduced facepiece slippage, yet permits easy donning. A computer-designed facepiece allows optimal speech communication without the aid of a speaking diaphragm.

The Survivair 3000 Series half masks are the ideal air purifying respirator for those who require an easy to use respirator and use them on a regular basis.

**Applications:**

Suits numerous applications requiring respiratory protection against various contaminants

**LOW MAINTENANCE HALF MASK**



Economical half face mask packed full with all the features you expect in a quality respirator.

**Special Features**

- Comfortable, pliable silicone prevents oxidation and elasticity loss.
- Yokeless head harness will not interfere with filter attachment.
- Speech diaphragm for communication in noisy work environments.
- Replacement parts available for significant operational cost savings.

Part No.

350000 SMALL SIZE • 360000 MEDIUM SIZE • 370000 LARGE SIZE

# → RESPIRATORS HALF FACE



## COMFO II HALF FACE RESPIRATOR

- Contoured & lightweight facepiece
- Excellent chemical resistance
- Large inhalation/exhalation ports
- Easily adjustable cradle headband
- **Filters sold separately - refer to Maxi Filter ordering table below**
- **Small - Part No. 224823SC**  
**Medium - Part No. 224823MC**  
**Medium Orange - Part No. 224823MCO**  
**Large - Part No. 224823LC**



## COMFO ELITE II HALF FACE RESPIRATOR

- Wide contoured facepiece & cradle headband
- Distributes pressure evenly over face for day-long comfort
- Textured face seal reduces mask slippage
- Large exhalation valve
- Twin inhalation ports provide superior filter balance & low resistance
- **Filters sold separately - refer to Maxi Filter ordering table below**
- **Small - Part No. 225515S**  
**Medium - Part No. 225515M**  
**Large - Part No. 225515L**



## MAXI FILTER ORDERING INFORMATION

Type & Class	Colour Coded Label	Protection Offered	Part No.	Box of
P2		Dusts, pollen, mists & fumes	225125	10
P3		Toxic particulate matter	227429	10
A1 P2		Organic vapours (up to 1000ppm) harmful dusts, mists, pollen, fumes	225124	10
A1 E1 P2		Organic vapours (up to 1000ppm) and harmful dusts, mists, pollen, fumes and Sulphur Dioxide. Note: This filter has proven effectiveness in removing hydrogen fluoride.	225127	10
ABEK-P3		As above plus inorganic vapours, acid gases, ammonia and toxic particle matter	430302	6



A1 P2 Filter P/No.225124



ABEK-P3 Filter P/No.430302

# → RESPIRATORS HALF FACE

## ADVANTAGE 200 HALF FACE RESPIRATOR

- Lightweight & flexible, soft pliable feel
- Wide sealing surface
- Contoured mask maximises wearer's vision making it compatible for wearing spectacles, goggles & faceshields
- **Filters sold separately, refer to table below**
- **Small - Part No. 227400S**  
**Medium - Part No. 227400M**  
**Large - Part No. 227400L**



## FLEXI-FILTER PADS FOR ADVANTAGE RESPIRATORS



- Low profile & flexible filter pads, offering great weight distribution, vision & comfort
- Fit easily under welding hoods & face shields
- Rated P2, suitable for mechanically & thermally generated particulates such as silica, coal dust, welding, grinding & foundry operations
- Organic vapour, acid gas and HF versions also available
- **Flexi-Filter Pads P2 (Pack 2)** Part No. 818342  
**Flexi-Filter Pads P2 Plus Nuisance Odour (Pack 2)** Part No. 818343  
**Flexi-Filter Pads P2 Plus Nuisance Acid Gas (Pack 2)** Part No. 818344  
**Flexi-Filter Pads P2 Plus HF (Pack 2)** Part No. 10063227

## ADVANTAGE 200/3000 TWIN FILTERS - SOLD SEPARATELY



ABEK-P3 Filter P/No.430374

Type & Class	Colour Coded Label	Protection Offered	Part No.	Pack Of.
P2		Dusts, pollen, mists and fumes	229564	2
A1 P2		Organic vapours (up to 1000ppm) and harmful dusts, mists, pollen and fumes	229563	2
A1 E1 P2		Organic vapours (up to 1000ppm) Sulphur Dioxide, harmful dusts, mists, pollen and fumes.	226707	2
ABEK-P3		As above plus inorganic vapours, acid gases, ammonia and toxic particle matter	430374	2

# FULL FACE

## ADVANTAGE 3000 TWIN FILTER FULL FACE RESPIRATOR

- Available in three sizes
- Quick, simple & easy donning
- Large optically corrected lens assures clear, undistorted view
- Attractive mask design
- **Filters sold separately, refer to above table**
- **Advantage 3000 Twin Filter Small** Part No. 10027727L  
**Advantage 3000 Twin Filter Medium** Part No. 10027726L  
**Advantage 3000 Twin Filter Large** Part No. 10027728L



# Respiratory protection



**RP461** Single filter neoprene respirator, twin exhalation valves. RP461:SM Small/Medium face piece. RP461:L: Large face piece.



**RP462** Twin filter neoprene respirator, twin exhalation valves. RP462:SM, Small/Medium face piece. RP462:L, Large face piece.

## FILTERS FOR RP461/RP462 RESPIRATORS

- RP102** Prefilter for RP104, RP107 filters.
- RP104** P2 particulate.
- RP107** A-AUS organic vapours and gases.
- RP203** Prefilter for RP212, RP213 filters.
- RP212** A-AUS, B-AUS organic and inorganic gases and vapours plus P2 particulate for agricultural sprays and dusts, and spray paints.
- RP213** Spray paints (not 2 Pack or paints with Isocyanates).



**Australian Standard**  
AS/NZS 1716  
Lic.No. 0218  
Standards Australia



**RP562** Twin filter silicone respirator. RP562:SM, Small/Medium face piece. RP562:L, Large face piece • Four piece harness distributes weight evenly and gives an effective seal • Head cradle for additional support and comfort • Silicone face piece for wearer comfort • Twin exhalation valve means air is expelled quickly.

## FILTERS FOR RP562 RESPIRATOR

AS/NZ1716 Type/Class	Description
A1	<b>RP560</b> Organic vapours and gases with boiling point above 65°C.
A1 B1 E1	<b>RP561</b> Organic and inorganic gases, acid gases, sulphur dioxide and hydrogen chloride.
A1 B1 E1 K1	<b>RP563</b> As RP561 plus ammonia.
A1 P3	<b>RP564</b> Organic vapours, thermally and mechanically generated particles. Approved P2 protection in RP562 mask.
A1 B1 E1 K1 HgAUS P1 P3	<b>RP566</b> Organic and inorganic gases, acid gases, sulphur dioxide, hydrogen chloride, hydrogen fluoride, ammonia, mercury vapours, thermally and mechanically generated particles. Approved P2 protection in RP562 mask.
P2	<b>RP567</b> Thermally and mechanically generated particles including lead, silica, asbestos dusts, mists and fumes.
P2 PAD	<b>RP567P</b> As RP567 in pad form for use with gas filters (or replacement for RP567).
P3	<b>RP568</b> Approved P2 protection in RP562 mask.
PRE-FILTER	<b>RP569</b> Pre-filter protects life of all above filters.