EASY GUIDE TO RESPIRATORY PROTECTION

YOU CAN'T SCRUB YOUR LUNGS CLEAN

With the correct respiratory protection based on your work tasks and hazards, you can minimise the risk of industrial respiratory conditions attributed to occupational exposure.

DID YOU KNOW

CARTRIDGES NEED REGULAR REPLACEMENT

Even if not in active use cartridges need to be replaced at least a minimum of 6 months* from when sealed packaged is opened as per AS/NZS 1715:2009.

** Filter replacement depends on type of task, usage, hazards and concentrations of hazards present.*

RESPIRATORS NEED TO BE FIT TESTED ANNUALLY

The protection factor of your respirator cannot be relied upon unless your respirator has been correctly fit tested. AS/NZS 1715 requires an annual fit test for every user of respiratory protection in your workplace.

GET THE RIGHT PROTECTION AT THE RIGHT PRICE

Dust/Particle Respirator Kit 6225

$55.00 EXCL GST
$63.25 INCL GST

6000 Series Half Face Respirator

$29.90 EXCL GST
$34.38 INCL GST

Multi-Gas Cartridges 6059

$29.90 EXCL GST PER PAIR
$34.38 INCL GST

Particulate Respirator P2 9322A+

$59.90 EXCL GST
$68.88 INCL GST
BOX OF 10

BE IN TO WIN

When you buy selected 3M respiratory products

See back page for more details.

A $3000 TRAVEL VOUCHER

Valid August – October 2018

FIT TESTING
IMPORTANT REQUIREMENTS

A RESPIRATOR FIT TEST IS REQUIRED TO MEET AS/NZS STANDARDS

The AS/NZS 1715 S2(2.6) requires that a suitable fit test is to be carried out for all users of Respiratory Protection Equipment (RPE) with a close fitting facepiece, at least once a year.

WHAT IS FIT TESTING?

Respirator fit testing uses a 'PortaCount' machine to quantitatively (objectively) measure the leakage of a respirator when worn by an individual, thereby assessing whether the respirator is providing an adequate face seal and the required protection.

A quantitative respirator fit test guarantees clients precise evidence and documentation of results for each individual employee – in compliance with the record keeping requirements of the standard.

SIZE MATTERS – ONE SIZE DOES NOT FIT ALL

Every face has a different size and shape so one size of respirator does not fit all. In New Zealand, we see the following ratios of respirator sizes in use, when correctly fit tested.*

20% SMALL

48% MEDIUM

32% LARGE

** Based on NZ Safety Blackwoods Fit Testing Results.*

WE OFFER A QUANTITATIVE ON-SITE FIT TESTING SERVICE.

A fit test and training service is provided through an independent contractor so testing can be carried out regardless of the brand of respirator worn.

CODE	PEOPLE	PRICE EXCL GST
408953	1 – 10 people	$125 per person
408954	11 – 20 people	$105 per person
408955	21 – 49 people	$95 per person
408308	50 + people	$85 per person

Call 0508 Fit Test (0508 348 837) for bookings and enquiries

REASONS FOR A FAILED QUANTITATIVE FIT TEST RESULT.

1. **Size** – Incorrect size mask for the wearer
2. **Age** – Masks will deteriorate over time and require periodic replacement
3. **Condition** – Poor storage, incorrect donning/doffing technique and lack of maintenance may lead to premature aging
4. **Strap tension** – Uneven strap tension or over-tightening may cause racking/slippage of the mask on the wearer
5. **Facial features of the wearer** – Bone structure or facial hair can cause leakage around the seal

AS/NZS 1715 REQUIRES AN ANNUAL FIT TEST FOR EVERY RESPIRATORY PROTECTION USER. THE PROTECTION FACTOR OF YOUR RESPIRATOR CANNOT BE RELIED UPON UNLESS YOUR RESPIRATOR HAS BEEN FIT TESTED CORRECTLY.

DO YOU HAVE A DOCUMENTED FILTER REPLACEMENT SCHEDULE?

AS/NZS 1715:2009 requires a **reported filter** replacement schedule to be in place for each work task based on manufacturers guidelines.

Replacement time will vary significantly by

- Concentration levels of a contaminant in the atmosphere
- Lung capacity and breathing rate of the worker
- Humidity
- Length of time the filter is being used for

DATE YOUR CARTRIDGES ON OPENING

- You can easily identify the replacement time/date based on your replacement schedule
- Easy for supervisors/managers to see when replacement is coming up

AS/NZS 1715:2009 – even if not in active use cartridges should not exceed 6 months from when sealed package is opened.

SPRAYING
RESPIRATORY PROTECTION

HAZARDS

Solvents e.g. toluene, xylene & MEK excluding: acetone and two-pot paints containing isocyanates.

APPLICATIONS

Waterproofing, roofing, joining, painting, gluing, applying synthetic butyl rubber membrane, spraying coatings, fireproofing, equipment clean up.

3M

6000 Series Respirators

- For use with 3M™ 2000, 5000 and 6000 series cartridges and filters (sold separately)

$29.90 EXCL GST
$34.38 INCL GST

HALF FACE

CODE 116785 Small 6100
116688 Medium 6200
116793 Large 6300

$269.90 EXCL GST
$310.38 INCL GST

FULL FACE

CODE 116460 Small 6700
116463 Medium 6800
116465 Large 6900

Honeywell

P2

Honeywell 7700 Silicone Spray Kit

- For protection against airborne particulates, chemicals, gas, vapours and smoke
- Silicone half mask is latex free, with a wide and contoured area for a great fit
- Lunchbox packaging provides storage for the kit, when not in use

CODE 417926 Small
417927 Medium
417928 Large

$64.90 EXCL GST
$74.63 INCL GST

3M

A1
P2

Spraying Respirator Kit 6251

- **Applications:** Paint spraying, pesticide spraying, chemical handling, fibreglassing, printing, degreasing
- Ideal solution kit to get started
- **Kit Includes:** 3M™ Half Face Respirator 6000 Series (S, M or L), 3M™ Organic Vapour Cartridges 6051, 1 pair of 3M™ Particulate Filters 5925 (P2), 3M™ Filter Retainers 501, respirator cleaning wipes and a respiratory protection guide

CODE 418049 Small
406529 Medium
418050 Large

$74.90 EXCL GST
$86.14 INCL GST

3M

A1

A1 Organic Vapour Cartridge

- For protection against organic vapours (boiling point less than 65°C) i.e. when cleaning with or using organic solvents like toluene, xylene and MEK
- **Applications:** Degreasing, using paint thinners, lacquers and glues

CODE 406265

$24.90 EXCL GST PER PAIR
$28.64 INCL GST

3M

P2

Particulate Filter 5925, P2

- P2 protection against dusts and mists
- Fits 6000 series cartridges with the 501 retainer

CODE 418180

PACK OF 20

$49.90 EXCL GST PER PACK
$57.39 INCL GST

3M

Filter Retainer 501

- 501 retainer holds the 5295 particulate filter onto the 6000 series cartridges

CODE 404775

$3.50 EXCL GST EACH
$4.03 INCL GST

DUST
RESPIRATORY PROTECTION

HAZARDS

Silica dust from cement, rock, block/brick, masonry tiles, fibre cement board.

Wood dust (hard & soft) from plywood, custom wood, MDF, pine and cedar.

Nuisance dust from general site activity, windblown dust, hay bales and mulch.

APPLICATIONS

Cutting, sawing, drilling, sanding, planing, blasting, demolition, crushing, jack hammering, mixing, sweeping and emptying dust.

3M

P2

Dust/Particle Respirator Kit, 6225

- Ideal solution kit to get started
- **Kit includes:** 3M™ Half Face Respirator 6000 Series (S, M & L), 3M™ P2 Dust/Mist Filters 2125, respirator cleaning wipes and a respiratory protection guide

CODE 418047 Small
406266 Medium
418048 Large

$55.00 EXCL GST
$63.25 INCL GST

3M

6000 Series Respirators

- For use with 3M™ 2000, 5000 and 6000 series cartridges and filters (sold separately)

$29.90 EXCL GST
$34.38 INCL GST

HALF FACE

CODE 116785 Small 6100
116688 Medium 6200
116793 Large 6300

$269.90 EXCL GST
$310.38 INCL GST

FULL FACE

CODE 116460 Small 6700
116463 Medium 6800
116465 Large 6900

3M

P2

P2 Particulate Filter

- Protection against particulates, dusts, mists and fumes

CODE 406257

$17.50 EXCL GST PER PAIR
$20.13 INCL GST

PAIR

3M

P2

Particulate Respirator P2 9322A+

- Provides a cooler more comfortable wear
- Removes exhaled air and minimises the risk of fogging eye wear

CODE 417087

$59.90 EXCL GST PER BOX
$68.88 INCL GST

BOX OF 10

prosafe

P2

P2 Valved Respirator

- Exhalation valve for comfort
- Provides protection against dust mists and fumes

CODE 405350

$28.90 EXCL GST PER BOX
$33.23 INCL GST

BOX OF 10

prosafe

P2

Vertical Flat Fold P2 Valved Respirator

- Contoured profile for excellent facial fit and optimal seal
- Fast acting valve design to restrict back flow

CODE 02091297

$49.90 EXCL GST PER BOX
$57.38 INCL GST

BOX OF 15

ASBESTOS
RESPIRATORY PROTECTION

HAZARDS

Asbestos and Asbestos containing materials (ACM).
Refer to your local government guidelines for asbestos to identify the asbestos work procedure or task you will be performing.

For further information refer to **3m.com/nz/ppeasbestos**

APPLICATIONS

Manual handling of asbestos and asbestos containing materials (ACM), sawing, sanding, grinding, or any other similar work involving asbestos or ACM.

3M

P3

Asbestos/Dust Full Face Kit 6835

- **Applications:** Suitable for certain asbestos work. Also lead paint removal, sanding, sawing, drilling, cutting, grinding, masonry, insulation
- **Kit includes:** 3M™ Full Face Respirator (S, M or L), 3M™ Particulate filters 6035 P3 x 2 pair, 3M™ Class 4 earplugs and respirator cleaning wipes

CODE 411363 Small
411364 Medium
411365 Large

$298.00 EXCL GST
$342.70 INCL GST

3M

P2

Asbestos/Dust Half Face Kit 7535

- **Applications:** Suitable for certain asbestos work. Also lead paint removal, sanding, sawing, drilling, cutting, grinding, masonry, insulation
- **Kit includes:** 3M™ Half Face Respirator (S, M or L), 3M™ Particulate filters 6035 P2 x 2 pair, 3M™ eyewear, 3M™ Class 4 earplugs and respirator cleaning wipes

CODE 411360 Small
411361 Medium
411362 Large

$129.00 EXCL GST
$148.35 INCL GST

3M

6000 Series Respirators

- For use with 3M™ 2000, 5000 and 6000 series cartridges and filters (sold separately)

$29.90 EXCL GST
$34.38 INCL GST

HALF FACE

CODE 116785 Small 6100
116688 Medium 6200
116793 Large 6300

$269.90 EXCL GST
$310.38 INCL GST

FULL FACE

CODE 116460 Small 6700
116463 Medium 6800
116465 Large 6900

3M

P2/P3*

P2/P3* High Efficiency Particulate Filter 6035

- For protection against certain particles, dusts, mists and fumes and also for certain asbestos tasks (refer to Worksafe NZ guidelines)
- Aids in decontamination practices
- Filter casing design reduces premature caking and clogging from dirt, grime, water and dust

CODE 406258

BOX OF 10 PAIRS

$249.90 EXCL GST PER BOX
$287.38 INCL GST

** Higher P3 Protection factors only achieved with 3M™ Full Face Respirators.*

WELDING
RESPIRATORY PROTECTION

HAZARDS

Welding fume from mild steel, stainless steel and aluminium.

Ozone and metal particles from welding arc and metal work pieces.

APPLICATIONS

Welding, polishing and grinding.

LINCOLN ELECTRIC
THE WELDING EXPERTS®

P2

VIKING™ Welding Helmet PAPR 3350

- 8 hour battery life
- 2 speeds: 180 and 210 litres per minute
- Compliant with AS/NZS 1338-1 and AS/NZS 1716:2012 class P2

CODE 418936

$1595.00 EXCL GST
$1834.25 INCL GST

3M

6000 Series Respirators

- For use with 3M™ 2000, 5000 and 6000 series cartridges and filters (sold separately)

$29.90 EXCL GST
$34.38 INCL GST

HALF FACE

CODE 116785 Small 6100
116688 Medium 6200
116793 Large 6300

$269.90 EXCL GST
$310.38 INCL GST

FULL FACE

CODE 116460 Small 6700
116463 Medium 6800
116465 Large 6900

Honeywell

P2

5500 Welding Respirator Kit

- Pancake filters are flexible and easily fit underneath a welding helmet
- Economical choice for welders requiring respiratory protection from welding fumes

CODE 417929

$49.90 EXCL GST
$57.38 INCL GST

3M

GP2

Welding Respirator Starter Kit, 7528

- **Applications:** Welding, soldering/brazing, grinding/polishing, drilling, metal pouring, machining
- Ideal for working in hot and humid conditions
- **Kit includes:** 3M™ GP2 Particle & Metal Fume Filters 2128, 3M™ class 5 earplugs, respirator

CODE 406531

$84.90 EXCL GST
$97.64 INCL GST

Honeywell

P2

P2 Valved Respirator

- Willtech® polo seal provides better wearer comfort
- Charcoal layer provides relief from nuisance levels of organic vapours e.g. ozone welding

CODE 405386

$59.90 EXCL GST PER BOX
$68.89 INCL GST

BOX OF 5

3M

P2

GP2 Ozone & Nuisance Level Acid Gas Filter

- **Applications:** Welding fume, polishing, grinding and spraying pesticides or herbicides with vapour pressure below 1.3 Pa @ 25°C

CODE 406256

$22.90 EXCL GST PER PAIR
$26.34 INCL GST

GAS & VAPOUR
RESPIRATORY PROTECTION

HAZARDS*

Range of vapours and gases such as Chlorine, Sulphur Dioxide, Solvents (boiling points > 65°C), Hydrogen Sulphide, Ammonia, Hydrogen Chloride.

APPLICATIONS*

Paint spray, pesticide spray, chemical handling, fibreglassing, printing, degreasing, cleaning with solvents.

**Applicable to 6259 & 7551 kits*

3M

7500 Series Half Face Respirator

- For use with 3M™ 2000, 5000 and 6000 series cartridges and filters (sold separately)

$69.90 EXCL GST
$80.39 INCL GST

HALF FACE

CODE 7501 Small
7502 Medium
7503 Large

6000 Series Full Face Respirator

$269.90 EXCL GST
$310.38 INCL GST

FULL FACE

CODE 116460 Small 6700
116463 Medium 6800
116465 Large 6900

3M

A1 B1 E1 K1 P2

Multi-Gas Respirator Kit 6259

- **Kit includes:** 3M™ Half Face Respirator 6000 Series – (M), 3M™ Multi-Gas Cartridges 6059, 1 pair of 3M™ Particulate Filters 5925 (P2), 3M™ Filter Retainers 501, 3M™ class 4 earplugs, respirator cleaning wipes and a respiratory protection guide

CODE 406530

$89.90 EXCL GST
$103.39 INCL GST

3M

A1 P2

Organic Vapour and Particulates Kit 7551

- **Kit includes:** 3M™ Half Face Reusable 7500 Series Respirator (M) for extra comfort and durability. 3M™ Organic Vapour Cartridges 6051, 2 pairs of 3M™ Particulate Filters 5925 (P2), 3M™ Filter Retainers 501, respiratory cleaning wipes and a respiratory protection guide

CODE 406532

$99.90 EXCL GST
$114.88 INCL GST

3M

9923V P2 Valved

- Particulate Respirators with Nuisance Level* Organic Vapour Relief
- Activated carbon layer reduces exposure to nuisance levels* of organic vapour and odour
- 3M™ Cool Flow™ exhalation valve helps to reduce heat and moisture build up
- **Applications:** Protects against diesel particulate matter, unburned fuel vapours, welding and lead fumes

CODE 409422

$84.90 EXCL GST PER BOX
$97.64 INCL GST

BOX OF 10

**Nuisance levels are those levels below the Workplace Exposure Standard*

Multi-Gas Cartridges 6059

3M

A1 B1 E1 K1

- Multi-gas: Organic vapours, (boiling point > 65°C), inorganic and acid gases, ammonia and methylamine

CODE 406261

$29.90 EXCL GST PER PAIR
$34.38 INCL GST

Particulate Filter 5925, P2

P2

- P2 protection against dusts and mists
- Fits 6000 series cartridges with the 501 retainer

CODE 418180

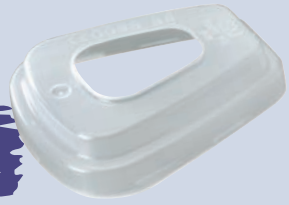
$49.90 EXCL GST PER PACK
$57.38 INCL GST

PACK OF 20

Filter Retainer 501

- 501 retainer holds the 5295 particulate filter onto the 6000 series cartridges

CODE 404775



$3.50 EXCL GST EACH
$4.02 INCL GST

A1 Organic Vapour Cartridge

A1

- For protection against organic vapours (boiling point less than 65°C) i.e. when cleaning with or using organic solvents like toluene, xylene and MEK
- **Applications:** Degreasing, using paint thinners, lacquers and glues

CODE 406265

$24.90 EXCL GST PER PAIR
$28.64 INCL GST

SPEND $150* OR MORE ON 3M RESPIRATORY PRODUCTS

from NZ Safety Blackwoods
between 1st August – 31st October 2018 and

ENTER THE DRAW TO WIN

1 X $3,000 TRAVEL VOUCHER	4 X $250 PREZZY CARDS

Draw will take place on the 10th of November and winner notified once drawn

*In a single transaction. Invoice number as proof of purchase is required upon entering this competition online @ nzsafetyblackwoods.co.nz

AS/NZS 1715 SELECTION, USE AND MAINTENANCE OF RESPIRATORY PROTECTIVE EQUIPMENT

Sets out principals of respiratory protection, requirements and recommendations for the selection, use and maintenance of personal protective equipment (RPE) in the workplace.

To comply with AS/NZS 1715:2009 you require a respiratory programme in place covering the following:

1. Appointing a programme administrator
2. Selection of RPE
3. Medical screening of end users
4. Training
5. Issue of RPE
6. Fitting of RPE
7. Testing of RPE
8. Wearing of RPE
9. Maintenance of RPE
10. Record keeping
11. Programme evaluation

Contact your local **NZ Safety Blackwoods** account manager to help implement a respiratory program.