

PORTWEST®

OVER 100 YEARS' EXPERIENCE IN EVERY STITCH

THE FUTURE OF
WORKWEAR
IS HERE >>

**GLOBAL
SAFETY
SUPPLIER**



Local Draper to Global Manufacturer



Family owned since 1904.

Charles Hughes, son of a small farmer on the Wild Atlantic coast, was determined to have the best workwear and footwear when he founded his business in 1904. Over 100 years later his core principles of exceptional design, quality, value and service still apply today.



Manufacturing

Portwest products are manufactured across Europe and in Asia. Portwest own three ultra-modern factories in Bangladesh and Myanmar, giving us full control of our exceptional quality, lead times and ethical sourcing. Our factories are Worldwide Responsible Accredited (WRAP) certified, meaning customers can be assured all Portwest products are manufactured ethically and responsibly.



Customer Service

24/7/365

Portwest's B2B website allows customers to check stock, place orders and receive order confirmations within minutes, 24/7/365

- www.portwest.com
- twitter.com/portwest
- linkedin.com/company/portwest
- facebook.com/portwest



Warehouses and Offices

Sales Offices: UK, USA, Australia, UAE, Ireland and Poland
Warehouses: UK, USA, Australia, New Zealand, UAE, Panama, Ireland and Poland



Full International Testing and Certification

Portwest takes safety seriously. All Products are independently tested to the highest international standards. Portwest certificates and declarations of conformity can be downloaded from www.portwest.com

Same Day Dispatch

All orders received via the Portwest website are processed within 45 minutes. Orders received via fax, phone or email are dispatched on the same day. Order online at www.portwest.com

More Big & Small Sizes Available

We now offer our most comprehensive range of very small, to very big sizes on our best-selling garment and footwear styles.

Portwest Only Sell To Resellers

Portwest supplies the best products at the most competitive prices, providing a one-stop shop for distributors and resellers.

Innovation and Design

Portwest's expert design team comprises of industry leading technical Product Managers and Designers. The team combine the latest research in materials and design with industry feedback and a passion for quality to develop and continually improve the product offering. In this catalogue, there are 200 innovative new designs spread across every range.



Sustainability and the environment

Portwest are committed to moving toward a sustainable future and is fully supportive of worldwide efforts to phase out the use of harmful chemicals where possible in the manufacturing process. The Portwest range includes garments made using recycled polyester and fully complies under REACH legislation.

Portwest holds ISO 9001 for quality management systems and ISO 14001 for environmental management. The Portwest UK warehouse and manufacturing facility is fully independently audited and certified.



Industry Associations

Portwest is a member of the leading safety industry research and technology centres.



HEAD PPE RANGE

Portwest Head PPE range applies the latest standards, to deliver the highest level of protection. Comfortable and lightweight, the PPE range will ensure a pleasant wear, even for long periods of use. Your safety is our mission.

164 *Styles*

- RESPIRATORY PROTECTION
- EYE PROTECTION
- HEAD PROTECTION
- HEARING PROTECTION

Respiratory Protection

Our Safety range of Full Face Masks and Half Masks, is designed to offer the most comfortable and best fitting product. A user-friendly range with interchangeable filters, fitting with many different models of our full face and half face masks. Breathe easier with Portwest!



EN 136: 1998

Respiratory Protective Devices - Full Face Masks.

This European Standard specifies minimum requirements for full face masks for respiratory protective devices.

EN 140: 1998

Respiratory Protective Devices - Half Masks and Quarter Masks.

This European Standard specifies minimum requirements for half masks and quarter masks for use as part of respiratory protective devices, except escape apparatus and diving apparatus.

EN 14387: 2004

Respiratory Protective Devices - Gas Filter(s) And Combined Filter(s).

This European Standard refers to gas filters and combined filters for use as components in unassisted respiratory protective devices.

EN 143: 2000

Respiratory Protective Devices - Particle Filters

This European Standard specifies particle filters for use as components in unassisted respiratory protective devices with the exception of escape apparatus and filtering face pieces.

EN 148-1 : 1999

Respiratory Protective Devices: Threads for facepieces. Standard thread connection

DO YOU KNOW?

What's the Difference between Low/Medium/High Capacity Filters?

Higher Capacity /Class means:

- bigger quantity of activated charcoal inside the filter.
- longer duration of the filter.
- higher volume and weight of the filter.
- higher breathing resistance.

Example: A B2 filter gives the same type of protection as a B1 filter but it will have a longer durability. On the other hand it's probably less comfortable to use because it's heavier and has higher breathing resistance.

How to Protect Yourself? Easy! 4 Steps to Choose the Appropriate Respiratory Protection.

STEP 1- Identify the Hazard.

SOLID PARTICLES

Dust = Solid particles of several sizes generated by crushing solid materials.

Mist = Particles of evaporated liquid (water or organic basis).

Fumes = Small size particles of evaporated or melted solids, generally coming from combustion.

HAZARD SOLUTIONS
= need a mechanical and electrostatic filter:

FFP1/P2/P3

+ P FILTER

AIRBORNE SUBSTANCES

Gas & Vapors = Substances that are normally airborne. Could be fluid generated by the passage from liquid or solid status to airborne, through evaporation or boiling.

Airborne substances
= need an activated charcoal filter
+ A/B/E/K or combined filter.

STEP 2- Identify the Toxic Agent

STEP 3-Identify the Concentration & Compare with the Exposure Limit.

TLV = contaminant concentration to which the user may be exposed without health effects .

a)Threshold limit value - Time weighted average (TLV-TWA): Average exposure on the basis of a 8h/day, 40h/week work schedule.

b)Threshold limit value - Short-term exposure limit (TLV-STEL): Spot exposure for a duration of 15 minutes, that cannot be repeated more than 4 times per day with at least 60 minutes between exposure periods.

c)Threshold limit value - Ceiling limit (TLV-C): Absolute exposure limit that should not be exceeded at any time.

STEP 4-Select the Type of protection.

Gas and Vapours Filters			Dust and Aerosol Filters		
Type	Colour Code	Application	Type	Colour Code	Application
A		Organic Vapours and Gases with a boiling point of 65C and above (solvents and hydrocarbons).	P1		Protects from non-toxic dust and/or water-based aerosols.
B		Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide).	P2		Protects from slightly toxic or irritating solid aerosols and / or liquids.
E		Sulphur Dioxide and other Acidic Vapours and Gases.	P3		Protects from solid aerosols and / or liquids listed as toxic.
K		Ammonia and its Organic Ammonia Derivatives Vapours and Gases.			

Gas & Vapours Filters: Absorption Capacity

Class 1: Low capacity filter (pollutant concentration < 0.1% or 1000 ppm*).

Class 2: Average capacity filter (pollutant concentration < 0.5% or 5000 ppm*).

Class 3: High capacity filter (pollutant concentration < 1% or 10 000 ppm*).

*ppm = concentration in parts per million

Full Face Mask - Universal Thread

NEW



Anti fog/anti scratch visor.

6 attachment point harness for a uniform seal.

Standard thread connection (DIN)

Class 3 Full Face Mask for Protection Against Flame and Thermal Radiation



P516 Helsinki Full Face Mask - Universal Thread

EN 136 CLASS 3
EN 148 - 1
EN 166 1 K

The Helsinki full face mask is made with a soft thermoplastic rubber face seal and features a panoramic viewer. The internal silicone face piece is equipped with two inhalation valves to reduce fogging and improve comfort. This mask features standard thread connection according to EN 148-1. It can be used with all filters supporting the same standard (gas, particles or combined and motorized equipment). Filters are not included (sold separately).

AS
AF



Thermoplastic Rubber, Polycarbonate, Silicone, ABS
Blue One Size

NEW



Safety Filter Selection Guide

Universal Thread Filters EN 148 - 1

Code	Filter Type	Class	Box Qty	
			Box Qty	Box Qty
P906	A2 Gas Filter Universal Tread	A2	x6 6	1
P926	ABEK2 Gas Filter Universal Tread	ABEK2	x6 4	1
P946	P3 Particle Filter Universal Tread	P3R	x6 6	1
P956	A2P3 Combination Filter Universal Tread	A2P3	x6 4	1
P976	ABEK2P3 Combination Filter Universal Tread	ABEK2P3R	x6 4	1

Full Face Bayonet Masks

Class 2 Full Face Mask for General Use



Anti fog/anti scratch visor.

6 attachment point harness for a uniform seal.

Twin bayonet filters for better balance and vision.



P500 Vienna Full Face Mask
EN 136 CLASS 2



Full Face Mask with dual bayonet filter connection and ABS filter holders. Polycarbonate visor offering panoramic vision with anti-scratch and anti-fog treatment. Adjustable ergonomic harness with 6 fast release buckles attached to the rigid body of the mask which guarantees a more uniform seal to the users face. Filters sold separately.

Thermoplastic Rubber
 Black One Size



NEW



P902



P921



P941

NEW



P952



P971

Safety Filter Selection Guide

Bayonet Filters EN143:2000/EN14387:2004



Type A

Application: Organic Vapours and Gases with a boiling point of 65°C and above (solvents and hydrocarbons).



Type B

Application: Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide).



Type E

Application: Sulphur Dioxide and other Acidic Vapours and Gases.



Type K

Application: Ammonia and its Organic Ammonia Derivatives Vapours and Gases.



Type ABEK

Application: Combination Filter (all of the above)



Type P

Application: P. Dust/Particle

Code	Filter Type	Class	Box Qty	
P902	Gas Filter	A2	x16 6	1
P921	Gas Filter	ABEK1	x16 6	1
P941	Particle Filter	P3R	x16 6	1
P952	Combination Filter	A2P3	x16 4	1
P971	Combination Filter	ABEK1P3R	x16 4	1

Half Face Bayonet Masks

Harness connected to mask to prevent marking users face.



Ergonomic shape for comfort and fit.

Harness connected to mask to prevent marking users face.



Frontal exhalation valve.

Frontal exhalation valve.



P420 Vancouver Half Mask

EN 140



Well balanced Half Mask manufactured from durable and flexible thermoplastic rubber. Dual bayonet filter connection provides better weight balance and wider field of vision. Ergonomically designed head harness reduces pressure and provides maximum wearer comfort. ABS filter holders with frontal exhalation valve. Filters sold separately.



Thermoplastic Rubber
 Black One Size



P430 Geneva Half Mask

EN 140



Premium quality Half Mask manufactured from high quality silicone for exceptional fit and comfort. The support harness is attached to the rigid body of the mask. Therefore it does not mark the users face and ensures a more uniform fit. Filters sold separately.



Silicone
 Grey One Size

NEW

NEW



Safety Filter Selection Guide

Bayonet Filters EN143:2000/EN14387:2004

P902

P921

P941

P952

P971

Type A

Application: Organic Vapours and Gases with a boiling point of 65°C and above (solvents and hydrocarbons).

Type B

Application: Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide).

Type E

Application: Sulphur Dioxide and other Acidic Vapours and Gases.

Type K

Application: Ammonia and its Organic Ammonia Derivatives Vapours and Gases.

Type ABEK

Application: Combination Filter (all of the above)

Type P

Application: P. Dust/Particle

Code	Filter Type	Class	Box Qty	
P902	Gas Filter	A2	x16 6	1
P921	Gas Filter	ABEK1	x16 6	1
P941	Particle Filter	P3R	x16 6	1
P952	Combination Filter	A2P3	x16 4	1
P971	Combination Filter	ABEK1P3R	x16 4	1

Half Face Screw-in Mask



P410 Auckland Half Mask

EN 140



Economical Half Mask with low profile design providing a large field of vision. Manufactured from a durable yet soft non allergic TPE material which provides an excellent fit. The soft, adjustable strap ensures perfect fit to wide face contours. Equipped with a dual (screw in) filter for enhanced breathing comfort. Sweat port on the face piece for hot and humid environments. Conforms to EN140:1998. Filters sold separately.



TPE
Grey One Size

Safety Filter Selection Guide

Screw-in filters EN143:2000/EN14387:2004



Code	Filter Type	Class	Box Qty	
P900	Gas Filter	A1	x32 6	1
P920	Gas Filter	ABEK1	x20 4	1
P940	Particle Filter	P3R	x32 6	1
P950	Combination Filter	A1P3R	x32 4	1
P970	Combination Filter	ABEK1P3R	x32 4	1



What is Facepiece Fit Testing?

It is a method for checking that a respiratory facepiece matches the person's facial features and seals adequately to the wearer's face.

What is the reason for face fit testing?

The performance of respiratory facepieces depends on achieving a good contact between the wearer's skin and the face seal of the facepiece. Peoples' faces vary significantly in shape and size so it is unlikely that one particular type, or size of respiratory device, will fit everyone.

Inadequate fit will significantly reduce the protection provided to the wearer. It is also useful for checking that a wearer can put on a respirator facepiece correctly. Correct fitting of the facepiece at all times is vital to prevent exposure.

How is fit testing carried out?

There are two basic methods of Respiratory fit testing: Qualitative and Quantitative Fit Testing.

Qualitative fit testing:

Is a simple pass/fail test based on the wearer's subjective assessment of the leakage, via the face seal region, of a test agent.

These tests are relatively simple to perform and are suitable for half masks and disposable masks.

They are not suitable for full face masks.

Examples of qualitative fit testing methods: method based on bitter or sweet tasting aerosol; method based odour compounds.

Quantitative fit testing:

They require specialised equipment and are possible on all types of masks including disposable masks, half and full face masks. Quantitative tests can give an objective assessment of facial fit and provide a direct numerical result called Fit Factor. Fit Factor is a measure of how well a particular facepiece seals against the wearer's face.

A higher fit factor number means the facepiece achieved a good contact between the face seal and the face during the test.

Both Qualitative and Quantitative Fit Testing are approved by HSE and must be carried out by an experienced Fit2Fit accredited Fit Tester or a competent person trained to the HSE standard.

Disposable Masks



Our Biztex™ brand ensures exceptional quality and performance across our full range of disposable masks. The extensive Biztex range offers a high level of protection and quality safeguarding the wearer against many workplace risks including liquid chemicals, static electricity, dry particles and radioactive contamination. The complete Biztex range includes disposable masks and limited-life garments.

BIZTEX is a trademark of Portwest.



EN 149: 2001 +A1:2009 Respiratory Protective Devices - Filtering half masks to protect against particles

European Standard for filtering half-masks. It contains laboratory tests to check the conformity with resistance to impacts, to cleansers and disinfectants, to temperature, to flame and with respiratory resistance. With A1:2009 amendment, filtering dust masks are now classified as either single use /single shift (NR) or reusable/more than 1 shift (R).

TLV: Contaminant concentration to which the user may be exposed without health effects.

TIL : Total INWARD LEAKAGE - Leakage of the ambient atmosphere into the respiratory interface.

NPF: Nominal Protection Factor - Nominal level of protection given by respiratory PPE (in Laboratory conditions).

APV: Assigned Protection Factor - Level of protection which can realistically be expected in the workplace conditions.

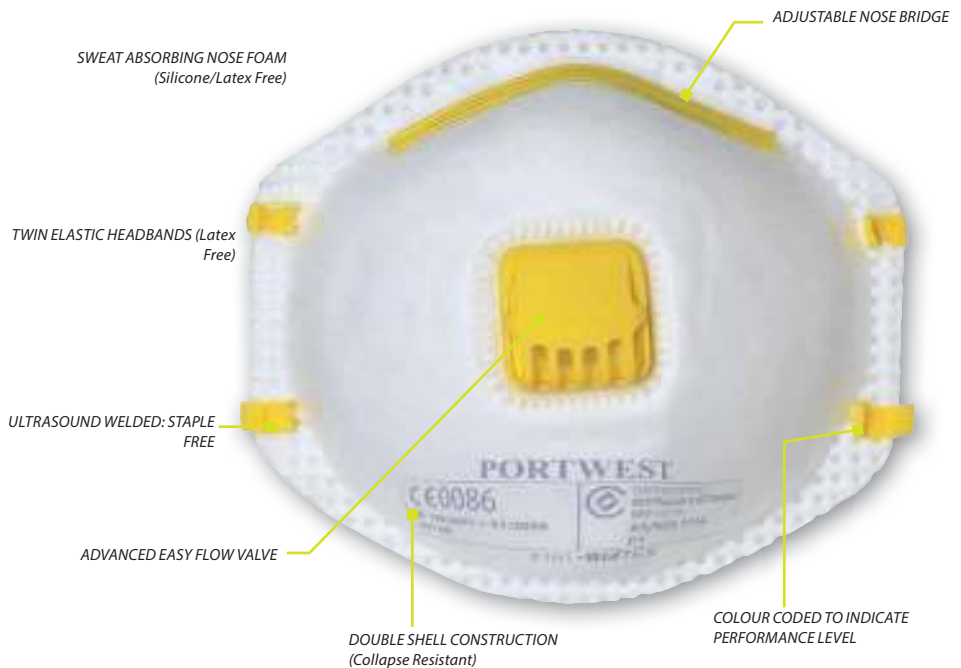
D DOLOMITE TEST (D): Optional test under EN149 for clogging with dolomite dust. Respirators which pass the dolomite clogging test are proven to provide a more comfortable breathing level and longer lasting performances of filtration. These respirators are marked with "D" letter.



AS/NZS 1716:2003

This Standard specifies requirements for respiratory protective devices (respirators) intended to provide, according to type, varying degrees of protection against atmospheres containing substances which may be harmful if breathed in. The objective of this Standard is to provide minimum performance and testing criteria to be observed in the manufacture of respiratory protective devices.

How to Protect Yourself? Guideline			
	FFP3	FFP2	FFP1
Protection	Protects from solid aerosols and / or liquids listed as toxic.	Protects from slightly toxic or irritating solid aerosols and/ or liquids.	Protects from non-toxic dust and / or water-based aerosols.
Examples of Application	Sanding of hard wood (beech, oak), treatment of wood using copper, chrome or arsenic based products, impact stripping of paint, sanding of cement.	Sanding of soft wood, composite materials, rust, putty, plaster, plastics/cutting, milling, grinding, metal drilling.	Handling of stone, rubble, cellulose, concrete drilling.
Substances	Asbestos (without handling it), powered pesticide, biological, pharmaceutical, powder, treated wood, hard wood (exotic), chromium, lime, lead.	Untreated softwood, grinding, cutting, welding, milling, coal, glass fiber, mineral fiber, powdered pesticide, grain dust.	Flour, calcium carbonate (chalk), graphite, cotton, dust concrete.
% Min of Filtration:	99%	94%	80%
Total Inward Leakage (TIL)	2%	8%	22%
Nominal Protection Factor (NPF)	50 x TLV	12,5 x TLV	4,5 x TLV
Assigned Protection Value (APV)	20 x TLV	10 x TLV	4 x TLV



FFP3

P391 EAGLE FFP3 Valved Dolomite Fold Respirator

x30
10

D

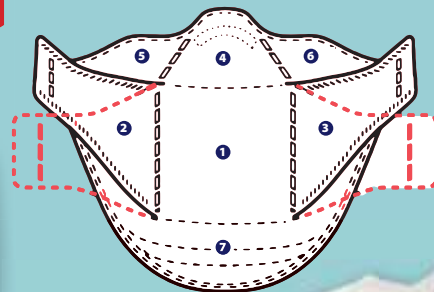


Innovative compact folding mask with 7 dynamic parts providing excellent facial movement with maximum comfort. Valved and with inner foam to increase the comfort of the wearer. DOLOMITE optional clogging test. An individual polybag and special flat shape make it easy to store and vending machine ready.



Individual Polybag

NEW



NEW

P371 ERGONET FFP3 Valved Dolomite Respirator

x30
5

D



EN 149 FFP3 NR D
Ergonomically designed to fit most face shapes, this respirator has a soft outer net cover to protect and retain its shape. Its high performing exhalation valve works efficiently to reduce heat inside the mask and provides comfort when used in hot and humid conditions. Other features include an innovative moulded nose bridge for a perfect fit, whole around "O" ring face joint and wide adjustable elastic bands.



Comfort: Cup shape. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit. Whole around "O" ring face joint for maximal comfort. Wide adjustable elastic bands.

P303 FFP3 Valved Dolomite Respirator

x30
10

D



EN 149 FFP3 NR D
DOLOMITE optional clogging test

P301 FFP3 Valved Respirator

x30
10



EN 149 FFP3 NR

P309 FFP3 Valved - Blister Pack (2)

x6
x30
2



EN 149 FFP3 NR



NEW

P304 FFP3 Valved Dolomite Light Cup Respirator

x30
10

D



EN 149 FFP3 NR D
Disposable respirator with a lightweight cup featuring EVA foam under the adjustable nose bridge for extra comfort. Ultrasound welded and metal free, the exhalation valve works efficiently to reduce heat inside the mask and provides comfort when used in hot and humid conditions. DOLOMITE optional test clogging test.



Individual Polybag

IMPROVED

P351 FFP3 Valved Dolomite Fold Flat Respirator

x30
20

D



EN 149 FFP3 NR D
Improved with DOLOMITE optional clogging test. Comfort: Vertical Flat Folded, each mask inside individual polybag for easier storage. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit.



NEW

P271 ERGONET FFP2 Valved Dolomite Respirator

x30
10
EN 149 FFP2 NR D

D
Ergonomically designed, this respirator has a soft outer net cover to protect and retain its shape. Thanks to its valve it provides comfort when used in hot and humid conditions. Moulded nose bridge and ultrasound welded elastic band with clip for a perfect fit.



P203 FFP2 Valved Dolomite Respirator

x30
10
EN 149 FFP2 NR D
DOLOMITE optional clogging test.

D
Comfort: Cup shape.
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit.



P201 FFP2 Valved Respirator

x30
10
EN 149 FFP2 NR
AS/NZS 1716 P2

P209 FFP2 Valved - Blister Pack(3)
EN 149 FFP2 NR
Comfort: Cup shape.
Exhalation valve for lighter breathing resistance. Adjustable nose clip for better fit.



P223 FFP2 Carbon Valved Dolomite Respirator

x30
10
EN 149 FFP2 NR D

D
Disposable mask with comfortable cup shape. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit. DOLOMITE optional clogging test. Added carbon layer to absorb nuisance odours.



P220 FFP2 Carbon Valved Respirator

x30
10
EN 149 FFP2 NR
AS/NZS 1716 P2

D
Comfort: Cup shape.
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit. Added carbon layer to absorb nuisance odours.



P200 FFP2 Respirator

x30
20
EN 149 FFP2 NR
AS/NZS 1716 P2

D
Comfort: Cup shape.
Adjustable nose clip for optimised fit. Protects against fine toxic dust, fumes and water based mists. The respirator can be used in concentrations of contaminants up to 10 times the WEL.



NEW



Individual Polybag

P291 EAGLE FFP2 Valved Dolomite Fold Respirator

x30
10
EN 149 FFP2 NR D

D
Innovative compact folding mask with 7 dynamic parts providing excellent facial movement with maximum comfort. DOLOMITE optional clogging test. An individual polybag and special flat shape make it easy to store and vending machine ready.



Individual Polybag

P251 FFP2 Valved Fold Flat Respirator

x30
20
EN 149 FFP2 NR

D
Comfort: Vertical Flat Folded, each mask is packed inside an individual polybag for easier storage. Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit. Ultrasound welded elastic bands.



Individual Polybag

P250 FFP2 Fold Flat Respirator

x30
20
EN 149 FFP2 NR

D
Comfort: Vertical Flat Folded, each mask is packed inside an individual polybag for easier storage. Adjustable nose clip for optimised fit. Ultrasound welded elastic bands.

Packaging Options



Blister Packs
Biztex disposable respirators available in blister packaging are ideal for the retail sector and trade counters.



Retail Carton
All BizTex respirators are packed in an attractive retail carton with full markings and fit instructions. The respirators are packed in a PP bag which keeps the masks hygienically clean and allows for better storage and control over dispensing in the workplace.

FFP1

Premium Affordable Protection



P102 FFP1 Dolomite Respirator

EN 149 FFP1 NR D
DOLOMITE optional clogging test.
Comfort: Cup shape.
Adjustable nose clip for optimized fit.

x30
20



P100 FFP1 Respirator

EN 149 FFP1 NR
AS/NZS 1716 P1



x30
20

P108 FFP1 Blister Pack (3)

EN 149 FFP1 NR
Comfort: Cup shape.
Adjustable nose clip for optimised fit. Effective against pollen, common household dust and other non toxic particles.



x6
x30
3



P101 FFP1 Valved Respirator

EN 149 FFP1 NR
AS/NZS 1716 P1
Comfort: Cup shape.
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimised fit.

x30
10



Individual Polybag

P153 FFP1 Valved Dolomite Fold Flat Respirator

EN 149 FFP1 NR D

DOLOMITE optional clogging test.
Comfort: Vertical Flat Folded
Exhalation valve for lighter breathing resistance. Adjustable nose clip for optimized fit.

x30
20



P005 Dust Mask

Comfort: Cup shape.
Adjustable nose clip for optimised fit. Effective against pollen, common household dust and other non toxic particles.

x60
50



***All Disposable Masks are Category 3 Hazard Protection**

* Excluding P005 Dust Mask