

Personal Protective Equipment





**INDUSTRIAL
SCIENTIFIC**



SKYLOTEC



KANOX®

Ssekur®

OPGAL²
Beyond the Visible

**ZELINSKY
GROUP**

CALGAZ

CHEMDEFEND
PROTECTIVE CLOTHING



3M

**SCOTT
SAFETY**



RESPIREX™
Living + Breathing Personal Protection

ION

CIRLOCK
LOCKOUT / TAGOUT EQUIPMENT

JSP



Panindochina®

CleanAIR®

STREAMLIGHT

NEWTEX
EXTREME PROTECTIVE APPAREL



MFC International
by RESPIREX
ENGINEERED INFLATABLE PRODUCT SOLUTIONS

THORZT
HYDRATE ENERGISE PERFORM

MAPA®
PROFESSIONNEL

CT
climbing
technology

**CURTISS -
WRIGHT**

ST Protect

Thorogood
SHOES
Since 1892

frontier
SAFETY INDUSTRIAL FOOTWEAR

**INNO
TEX®**

PRATT
SAFETY SYSTEMS

Windsock Company

PIP
PROTECTIVE INDUSTRIAL PRODUCTS

**NEWAGE FIRE PROTECTION
INDUSTRIES PRIVATE LIMITED**

TOBIN
EYEWASH SYSTEM



**KLEVER
INNOVATIONS**



Being an established provider of safety equipment and its services in Vietnam, our main motivational factor comes from customers' satisfaction via our quality product and services. We aspire to become an integrated Provider/ Partner with a leading presence in Indochine.

VISION

To be a highly valued products and services provider in the manufacturing and services providers market, using progressive management practices and knowledge based skilled employee.

GOALS

To build a core range of safety products with high quality and performances appreciated by users for it's value and meeting the demands by users to protect lives.

To ensure and build the company to be able to translate these values to the general market users.

To explore and introduce other related potential business units which would help customers with their supply chains.

To continuously plan for growth for the company and it's workforce.

MISSIONS

Panindochina aims to set up distribution network of dealers and regional sales team to reach out and service customers in major regions of Vietnam.

Panindochina has set up facilities to support after sales service needs of our customers for the products we supply.

Panindochina has set up growth plans for the company and it's workforce to achieve it's Vision and Mission.

KEY VALUES

Quality product orientated for value and performances.

Teamwork of employees for best customer supports.

Market awareness for best communications between users, manufacturers, supplier and company of market need.

Head Protection

www.panindochina.com.vn



AS/NZS 1801:1997 Occupational protective helmets

In addition to any instructions provided with the hard hat users should refer to:

- AS/NZS 1800:1998 Occupational protective helmets - selection, care and use

A hard hat protects the head from injury by falling objects, impact against moving and stationary surfaces, debris, bad weather and electric shock. The internal webbing on hard hats, distributes the weight of the helmet evenly (and therefore the shock of impact) over the entire surface area of the helmet and top of the head.

The internal harness also provides a 50mm "buffer zone" between the shell and the head to further absorb shock.

How does a hard hat protect you?

A hard hat protects you by providing the following features:

- A rigid shell that resists and deflects blows to the head;
- A suspension system inside the hat that acts as a shock absorber;
- If fitted with a brow guard, it shields your scalp, face, neck and shoulders from splashes, spills and drips
- If fitted with ear muffs, it provides protection for your hearing.

What tests do the hard hats undergo to meet these Standards?

Every production helmets is tested to ensure it complies with the Australian Standard AS/NZS1801.

Hard hats are conditioned prior to each test to differing heats and conditions to ensure that they comply under a variety of conditions. These are:

- Hot - at a temperature of 50 ±2°C.
- Cold - at a temperature of -10 ±2°C.
- Wet - total immersion in water at a temperature of 23 ±5°C.

What is the in-use life-span of a hard hat?

When a hard hat shows signs of wear and tear to either the helmet shell or the harness it should be replaced. It should also be replaced after any impact that would have caused the wearer injury, as the integrity of the structure will have been weakened.

Although there is no set service life for hard hats, we recommend replacement after no more than 3 years.

Components of harnesses may deteriorate more rapidly in service, therefore should be replaced every 2 years.

In-use, head protection gear is generally treated with a lack of care, often being thrown or dropped, used as a receptacle or carried on the rear window shelf of a vehicle.

None of these actions are conducive to continued performance so recommend users to regularly inspect both the helmet shell and its harness for signs of wear and tear and to store in a cool, dry place when not in use.

They then undergo testing for:

- Electrical Resistance – where the leakage current cannot exceed 3 mA with no electrical discharge from the material nor flashover over the rim of the helmet.
- Stiffness – where the indent of the hard hat shell under a force of 90 ±1 Newtons (N) does not exceed 15 mm when measured between 8 seconds and 10 seconds after application of this force. A Newton is the amount of force required to accelerate a body with a mass of one kilogram at a rate of one metre per second squared.
- Shock Absorption – where the impact of 50 ±1 Joules (J) will not cause the deceleration of the striker to exceed 980 m/s², or the force transmitted to the hard hat wearer will not exceed 5.0 kN. A Joule is the work done, or energy expended, by a force of one Newton moving an object one metre along the direction of the force.
- Resistance to Penetration – where the head form is not hit by the point of the striker.

Replace your hard hat when:

- Cracks appear in the shell
- The shiny surface appears dull or chalky
- The shell becomes brittle
- Impact with helmet surface has been made

Replace your suspension when:

- The suspension becomes brittle
- One or more of the mounts break off
- The suspension will no longer hold securely to the head
- The cradling straps break or become worn

Can I use the chin strap off helmets supplied by a different company?

This is not recommended.

Chin straps are not tested under AS/NZS 1801 for Type 1 helmets but in order to provide the best quality product, Chin Straps are tested and certified by BSI against European Standard EN397:1995 Industrial Safety Helmet.

Under the European Standard requirement, it became necessary for the chin strap to break when a specific load is applied. Chin strap may break in a different manner to another company's so it is recommended that you should only use a company chin strap on a company helmet.

PSHU/PSHV



The PSH series ABS non-vented or vented safety helmet (Type 1) with comfortable 6 point terylene head harness is designed to deflect falling objects and provide protection against knocks and bumps.

Key Features:

- Lightweight, durable ABS shell
- Shell Material: Injection moulded ABS (plastic)
- Venting: Vented (PSHV) and Unvented (PSHU)
- Harness Cradle: 25mm Nylon webbing 6 point
- Adjustment Range: 53-66 mm
- Weight: 385g

Standards:

Certified AS/NZS 1801:1997, LIC 2566, SAI Global Type 1, EN 397:2012 + A1, TCVN 6407:1998

Colour options



HHV6FB



- Lightweight, durable ABS shell
- 6 air vents for increased air circulation & comfort
- 6 point ratchet harness
- Sweatband prevents perspiration build-up
- Full brim extends coverage to over the neck & ears
- Slightly shorter front peak allowing for good upward vision

Standards:

Certified AS/NZS 1801 - SAI Global Certified Lic 20500

Colour options



EVO®5



The EVO®5 Olympus® safety helmet combines a super strong ABS shell designed for superior all day protection with the comfort benefits of the Evolution® 3D-Adjustment™ harness system.

Key Features:

- Tough ABS shell
- A 6 point terylene cradle harness system & Egyptian cotton Chamlon™ sweatband offers unrivalled comfort.
- The textile harness features unique 1-2-3 point depth settings.
- Side and rear ventilation for optimum air movement inside the shell
- Using Class RA2, high intensity reflective.

Standards:

Certified AS/NZS 1801: 1997, EN397.

Colour options



EVO®3



The EVO®3 Comfort Plus helmet combines a super strong shell for superior all day protection in the the widest range of environments, with the comfort benefits of the Evolution® 3D-Adjustment harness system.

- Tough HDPE shell
- A 6-point terylene cradle harness system offers unrivalled comfort without compromising performance.
- Precision fit with unique 1-2-3 point harness depth adjustment
- Using Class RA2, high intensity reflective

Standards:

Certified AS/NZS 1801: 1997, EN397.

Colour options



PS54/PS55



Endurance Plus ABS shell helmet now available without retractable visor. Sold with 4 points chin strap included.

Key Features:

- Unvented Helmet shell (PS54) and Vented Helmet Shell (PS55)
- Electrical insulation up to 1000Vac or 1500Vdc (EN 50365) for PS54
- 6-point textile suspension harness for enhanced wearer comfort and safety
- Size adjustable headband via wheel ratchet system
- Electrical properties (440Vac)
- Up to 7 years lifetime from manufacturing date (as long as undamaged)

Standards:

EN 397 -30°C / +50°C, MM, LD, 440V a.c., EN 50365 Class:0, ANSI/ISEA Z89.1 TYPE I CLASS E, AS/NZS 1801.

Colour options



HHV9



- Lightweight, durable ABS shell
- 9 air vents for increased air circulation & comfort
- 6 point pushlock harness
- Sweatband prevents perspiration build-up
- Extended peak for added protection
- Edge gutter to deflect rain

Standards:

Certified AS/NZS 1801 - SAI Global Certified Lic 20500

Colour options





AAG003-402-100

- Conforms with EN 812
- Weighs less than 135g
- Polygiene® Coating
- EPP Impact Liner
- Tough HDPE Shell



AAG002-102-100

- Conforms with EN 812
- Fully washable at 60°C
- Weighs less than 135g
- Polygiene® Coating
- EPP Impact Liner
- Tough HDPE Shell



ABS000-002-100

- Conforms with EN 812
- Reflective Piping
- Ventilation for coolness and comfort
- One-Handed Adjuster giving true one size fits all
- Terry Towelling Sweatband
- Full washable and removable protective liner



BCBG

- Lightweight, modern baseball style cap
- Complies to EN812 - Industrial bump cap standards
- Foam padded insert provides built in protection against bumps & scrapes in the workplace
- Eyelet holes & mesh venting allows for airflow
- Adjustable strap for the perfect fit



BCNSP

- Lightweight, modern baseball style cap
- Complies to EN812 - Industrial bump cap standards
- Foam padded insert provides built in protection against bumps & scrapes in the workplace
- Eyelet holes & mesh venting allows for airflow
- Adjustable strap for the perfect fit
- Short peak for greater overhead visibility



BCFOMP

- Lightweight, modern baseball style cap
- Complies to EN812 - Industrial bump cap standards
- Foam padded insert provides built in protection against bumps & scrapes in the workplace
- Eyelet holes & mesh venting allows for airflow
- Adjustable strap for the perfect fit
- Micro peak for the best overhead visibility



R5SL

- DuPont™ Kevlar® and Fibreglass Reinforced
 - Composite Shell
 - Ratchet Adjustable Headband
 - 3-Point Polyester Chinstrap
 - Pacific Low Profile Buckle
 - 4-point Nylon Cradle Harness
 - External Screw-On Face Shield
 - Easi On-Off Base for Torch
 - Goggle and Lamp Attachments
 - Flame Resistant Neck Protector
- Standards:
NFPA 1951:2020, NFPA 1977:2016
AS/NZS 1801:1997, EN 397:2012
Compliant: ANSI Z89.1:2014

Colour options



BE-AUS-393

- For increased safety in the dark, this version is equipped with reflective stickers.
 - Size: 54-63 cm.
 - All of the padding inside can be interchanged, cleaned or replaced.
 - Arena of application: NArborists, Construction / Roofer / Carpenter, High Rack, Mobile Work Platforms, Rope Access / Rigging, Scaffolding, Wind Energy / Offshore Industry.
 - Weight: 0,46 kg.
 - Materials: Polycarbonat, Acrylnitril-Butadien-Styrol, Expanded Polystyrene.
- Standards:
Certificated to ANSI/ISEA Z89.1:2014, Type 2, class G/E/LT, meets CSA Z94.1-15, Type 1, class E.

Colour options



HHV6MP

- 10mm micro peak for increased vision whilst working at heights.
 - 6-point Webbed harness.
 - Single hand adjustment wheel harness, quick & precise to manipulate even while wearing gloves.
 - Fully adjustable 4-points chinstrap with quick release buckle.
 - A universal attachment slot enables firm fitting of ProChoice visors & earmuffs.
 - Ideal for high wind areas when a secure fit is needed quickly
- Standards:
Certified to AS/NZS 1801 - SAI Global Certified Lic 20500, Certified to EN397:2012+A1:2012 - 440V a.c

Colour options



LOGO PRINTING & BRANDING

Your safety helmet does more than protect your head. It represents you, your company and even your achievements. Our top quality logo safety helmet service is dedicated to putting your logo or slogan on your choice of safety helmet accurately and quickly.

- * Logo pad printing on 4 positions of helmet shell.
- * Max: 3 colors



Headgear

- 6 point harness for extra protection and comfort
- Nylon webbing headgear provides greatest comfort
- Nylon webbing pinlock headgear or ratchet headgear
- Replaceable sweatband, headband

Material

- A.B.C: Acrylo Butadiene Styrene
- P.C: Polycarbonate

Advantage Points

- Lightweight
- Universal slots accept accessories such as hearing protection, faceshield and welding helmet.
- 10 colours: White, Yellow, Red, Orange, Blue, Green, Grey, Watermelon, Fluoro Yellow, Fluoro Orange

Accessories

Use for EVO®3, EVO®5



Use for PSHU/PSHV



Ear Plugs & Ear Muffs

www.panindochina.com.vn

Disposable Foam Ear Plugs

The very soft polyurethane foam provides comfortable and close-fitting seal against harmful noise. One size fits all.

SE 1373



SE 1374

EPDS500A



SE 1374	Uncorded Disposable Foam Ear Plug, Orange, SNR 37, NRR 32
SE 1373	Corded (PVC Cord) Disposable Ear Plug, Orange, SNR 37, NRR 32
EPDS500A	Uncorded Disposable Ear Plug Dispenser Station 500, Orange, -SLC80, 27dB

EPYU



- Class 5, SLC80, 27dB
- Hearing protection for noise levels to 110dB(A)
- ProPlug Bell shape delivers maximum comfort
- Brightly coloured offering high visibility for worker compliance
- Superior design makes it easier to insert and reduces tendency to back out of the ear
- Pairs packaged in individual poly bags

Certified to AS/NZS 1270:2002

267-HPR410C



- Pre-formed plug shape with no rolling required makes insertion simple
- Self-sealing flanges give all day comfort
- Rigid stem makes insertion easy and reduces the risk of contamination
- Corded versions use a non-resonating textile cord for comfort and easy storage
- Cord can be detached for added safety when working around machines, or when the TPR plug is to be cleaned using soap and water
- NRR:27dB

Certified to ANSI S3.19-1974

267-HPR400C



- Pre-formed plug shape with no rolling required makes insertion simple
- Self-sealing flanges give all day comfort
- Rigid stem makes insertion easy and reduces the risk of contamination
- Corded versions use a non-resonating vinyl cord for comfort and easy storage
- TPR plug is to be cleaned using soap and water
- Can be reused several times, making them very cost efficient
- NRR:27dB

Certified to ANSI S3.19-1974

267-HPR310C



- Pre-formed plug shape with no rolling required makes insertion simple
- Self-sealing flanges give all day comfort
- Rigid stem makes insertion easy and reduces the risk of contamination
- Non-resonating textile cord for comfort and easy storage
- Cord can be detached for added safety when working around machines, or when the TPR plug is to be cleaned using soap and water
- NRR:27dB

Certified to ANSI S3.19-1974

SE 1323



- Flexible flange fits the ear canal for harmful noise protection and comfortable
- The easy grip handle offers easy insertion, removal, reusable and can be washed with ordinary soap and water.
- With neck strip, plastic case for convenient carrying.
- Compliance: ANSI S3.19, EN352-2
- SNR:28dB NRR:27dB

EPYC



- Class 5, SLC80, 27dB
- Hearing protection for noise levels to 110dB(A)
- ProPlug Bell shape delivers maximum comfort
- Brightly coloured offering high visibility for worker compliance
- Superior design makes it easier to insert and reduces tendency to back out of the ear
- Cord allows earplugs to hang around neck when not in use

Certified to AS/NZS 1270:2002

EPSC



- Class 3, SLC80, 18dB
- Reusable silicone earplugs
- Hearing protection for noise levels to 100dB(A).
- Coloured blue for food safety.
- Reusable silicone earplugs.
- Comes in resealable plastic case.
- Cord allows earplugs to hang around neck when not in use

Certified to AS/NZS 1270:2002

EMPYTNB



- Class 4, SLC80, 23dB
- Hi-Vis for visual identification
- Comfortable neckband configuration for extended wear
- Hearing protection for noise levels to 108dB(A)
- Robust steel wire construction for on site demands
- Contemporary low profile design that withstands abuse without compromising comfort
- Solid, lightweight ear cup construction
- High quality ear cushions, Balanced clamping force for comfort

Certified to AS/NZS 1270:2002.

EMVIP



- Class 5, SLC80, 26dB
- General purpose use
- Hearing protection for noise levels to 110dB(A)
- Solid, lightweight ear cup construction
- High quality ear cushions
- Inner foam and headband cushions provides comfort during extended wear
- Low clamping force applies minimum pressure while maintaining a tight, snug seal

Certified to AS/NZS 1270:2002.

* Option: Hard Hat Earmuffs Class 5, 26 db with part number HHEM

AEA060-040-500



- SNR: 30dB
- The Big Blue™ ear defenders feature soft foam padding to reduce uncomfortable pressure points and deliver high-performance ear protection.
- Large, durable high-impact polystyrene cups
- Acoustic foam for excellent sound attenuation
- Wide, generously padded foam cushions
- Reinforced plastic headband
- Designed for all-day comfort

Certified to EN 352-1

AEB030-0AY-000



- SNR 32, SLC80-116 dB
- The over-moulded headband has a built in comfort area with ventilation. The headband force and the cushion surface area work together to provide optimum cushion pressure and comfort.
- To facilitate even distribution of pressure the wearer can tilt and adjust the position of the earcup for optimum comfort and fit.
- The headband is manufactured from TPE, making it easy to wipe clean. The sealing rings are easy to replace. Hygiene kits are available for each model.

Certified to AS/NZS 1270:2002.

* Option: Hard Hat Earmuffs Class 5, 31db with part number AEB030-0CY-000

EMPYTS



- Class 5, SLC80, 31dB
- Hi-Vis for visual identification
- High performance and strong durability through steel wire construction for maximum protection with easy adjustment system for individual fit
- Hearing protection for noise levels to 116dB
- Contemporary low profile design that withstands abuse without compromising comfort
- Solid, lightweight ear cup construction
- High quality ear cushions, padded foam headband & robust wire construction
- Low clamping force for comfort

Certified to AS/NZS 1270:2002

* Option: Hard Hat Earmuffs Class 5, 31db with part number HHEMPYTS

AEB010-0CY-800



- SNR 26, SLC80-106 dB
- The force the helmet adaptor applies and the cushion surface area work together to provide optimum cushion pressure and comfort.
- Sonis® cups can be coloured to meet a corporate identity. They can also be printed with a company logo for improved brand recognition and to discourage theft.
- The wearer can tilt and adjust the position of the cup for optimum comfort and fit, also offering even distribution of pressure.
- The sealing rings are easy to replace. Hygiene kits are available for each model.

Certified to AS/NZS 1270:2002

HOIAN



- + Single-piece lens fit perfectly on different face contours
- + Nose pad made of soft material for extra comfort
- + Non-slip rubber pad
- + Wrap-around frameless design
- + Extended sideshield for lateral protection

HANOI



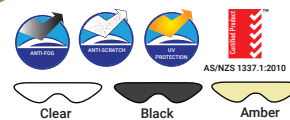
- + Sturdy polycarbonate frame
- + Flexible temple slot
- + Optional metallic frame
- + Nose pad made of soft material
- + Straight temple design

BREEZE MKII



- + Medium impact rated
- + Lightweight & durable one piece lens.
- + Timeless styling.
- + 99.9% UV protection for outdoor wear.
- + Extended sideshield for lateral protection

CIRRUS



- + Medium impact
- + Ergonomic lens design
- + Arms with co-injection technology soft temples
- + Super flexible & well secured grip to wearer even with heavy duty work & sweating
- + Soft tip ends to avoid possible lens scratches as spectacles fold into pocket.

SONDOONG



- + Modern and stylish design
- + Sturdy polycarbonate frame
- + Single-piece lens. Optional polarized lens. Pantoscopic adjustment to alter lens angle
- + Nose pad made of soft material for extra comfort
- + Co-injected rubber pad will not peel off on hot climate

GALACTUS™



- + Elastomer-injected sleeve for improved comfort and adhesion
- + Polymer inner structure for more flexibility and comfort
- + Adaptable floating nose bridge
- + Ergonomically designed contoured arms for comfort and stability.
- + Base 10 lens provides maximum field of view and protective coverage

NHATRANG



- + Superb lightweight at 22.6 gram
- + Dielectric construction
- + Comfortable nose piece
- + Slim temple with rubber pad
- + Extended sideshield for lateral protection

SAIGON



- + Wrap-around protective glasses combining fashion, fit and function
- + Optional blue-blocker lens and Optional elastomeric foam gasket
- + High-visibility rubber colour. Anatomically-shaped nose adapt to all face
- + Co-injected comfort pad will not peel off on hot climate
- + Inner temple coated with elastomer for excellent grip and soft cushioning

Safety Spectacles

www.panindochina.com.vn

PROSPECT

- Single-piece lens fit perfectly on different face contours.
- Wrap-around frameless design.
- Ergonomically design temple with indirect ventilation.
- Exceptional comfort, protection and fit.

Standard:

Certified to ANSI Z87.1-2010.



ZEN

- Single-piece lens fit perfectly on different face contours.
- Wrap-around frameless design.
- Ergonomically design temple with indirect ventilation.
- Exceptional comfort, protection and fit.

Standard:

Certified to ANSI Z87.1-2010.



SPECTRA

- Single-piece lens with integrated sideshield.
- Exceptional comfort, protection and fit.
- Adjustable temple to fit distinct face profile.
- Hassle-free lens replacement.

Standard:

Certified to ANSI Z87.1-2010.



PROTEUS 1

- AquaShield Hardened Anti-Fog Technology
- Cold formable arms for individual fit
- Dust Guard Di tech Lens provides dust and water protection
- Low profile arm to aid in use with other PPE
- Ultra soft TPR Anti-Slip Nose Pad
- Certified Medium Impact Protection

Standard:

Certified to AS/NZS 1337.1:2010.



4900

- Medium impact rated.
- 99.9% UV protection for outdoor wear.
- Anti-scratch & anti-fog 2mm hardened lens.
- Lightweight design & adjustable headstrap for enhanced user comfort.
- Indirect vents for increased airflow & minimization of lens fogging.
- Excellent general purpose goggle that will provide the ultimate all round eye protection.
- Clear lens option.

Standards:

Certified to AS/NZS 1337.1:2010



6FR

- Medium impact rated.
- 99.9% UV protection for outdoor wear.
- Anti-scratch and anti-fog coating on all lenses.
- Certified Liquid Splash Protection.
- High temperature rated, fire fighting approved.
- Closed ventilation system prevents smoke entering the goggle.
- Fits comfortably over prescription eyewear.
- Closed cell foam and 35MM FR head strap for increased protection and comfort.
- Clear, Smoke and Amber lens options

Standards:

Certified to AS/NZS 1337.1:2010



5000

- Medium impact
- Anti-fog coating on all lenses
- 99.9% UV protection for outdoor wear
- Two-in-one combination for better comfort & value
- Wide peripheral vision & face coverage
- Liquid splash protection
- Ventilated facemask
- Goggles & face shield can detach

Standards:

Certified to AS/NZS 1337.1:2010



3700

- Certified Medium Impact, Anti-Scratch Lens
- Certified Liquid Splash Protection
- Anti-Fog, Hardened 2mm Lens - Ideal for use with dust masks in humid conditions
- 99.9% UV Protection for Outdoor Wear
- FoamBound with Extra Wide Strap for Comfort
- Indirect Venting
- Available in Clear and Smoke Lens

Standards:

Certified to AS/NZS 1337.1:2010



Accessories: Eye /Facemask



Complete Lens Cleaning Station ASU200-000-200

Wall mounted (plastic) Lens Cleaning Station
4 boxes of 280 tissues and one bottle of lens cleaning spray
There is also a handy mirror attached to help identify any ocular irritants
Comes with 4 x screw/plug mounting pack



Multi Function Cleaning Tissues ASU200-000-300

Each box contains 280 tissues that are low lint, soft, non abrasive and absorbant for easy cleaning.



Bottle of Lens Cleaning Fluid ASU200-000-400

Spray Cleaning Fluid is anti bacterial and anti static
Alcohol and silicone free



Pre-Moistened PPE Wipes - Box of 100 ASU200-000-100

Wall Mounted or Free Standing
Easy Delivery box containing 100 Alcohol Free Lens Cleaning Wipe Sachets
The wipes are also suitable for other PPE, including Half masks and Ear Defenders



TOBIN'S EYEWASH SYSTEMS

Are well proven, quick and safe way to wash chemicals from eyes. This specially designed system gives the fastest possible application combined with a liquid volume large enough for most eye accidents. Chemicals in the eye can cause serious damage within 1-5 seconds. Washing that begins within a few seconds can therefore be decisive in minimizing the damage the eye will receive. It is also of utmost importance that an eyewash system is easy to use and that the exposed eye is washed by a soft flow, both features are engineered into every Tobin bottle. The patient needs just one hand to operate the bottle and the eyewash system empties under natural pressure, the flow cannot be increased by squeezing the bottle.

IMPORTANT SAFETY FEATURES

The Flow

The eye is washed by a soft flow consisting of 6 tiny streams. A damaged eye must not be washed with a hard/sharp jet. Each bottle contains 1 litre of sterile saline solution 0.9% and provides approx 3 minutes of flow.

Bottom Air Vent

When the air vent is activated it lets air into the bottle and insures the eye is washed by a soft continuous flow. The flow can be stopped, to allow blinking and eye movements, by placing the thumb over the bottom hole.

Shelf Life

As the bottles are disposable, costly refill routines are unnecessary. The contents of the bottle have a 3 year shelf life. Each bottle has an expiry date clearly visible.

Volume

Uninterrupted washing over a long period is particularly important. The 5 bottle stand gives approx. 15 minutes washing. Further bottles can be taken from other stands if required.

Sterility

The regulations governing sterile liquids are rigorous. The bottle cannot contain any bacteria during its shelf life. When a bottle is opened the contents must be used within few hours or thrown away.

The manufacturing of all Tobin eyewash liquids comply with the European and Swedish regulations in the standards SS-EN ISO 9002, SS-EN 46002, SS-EN 552, and SS-EN 556. They also comply with the German DIN 12930 standard.



TOBIN 130

Wall Stand

- Specially designed system for fast application
- Provides soft flow
- Each 1 litre bottle gives approximately 3 minutes washing time
- Includes 2 x 1 litre bottles, cabinet and screws
- 35 (H) x 25 (W) x 11 (D) cm
- 1 litre sterile bottles with 3 years shelf life from time of manufacture



TOBIN 129

Wall Stand

- 2x1 litre eyewash in wallstand.
- Suitable when space is a problem and/or
- eyewashes are required in a number of spots in the same area.
- Supplied complete with bottles, wall screws etc.
- Measurements 39x20x10 cm.



TOBIN 126

- For eye wash replacement
- 2x1 litre eyewash



TOBIN 121

Effective, sterile and safe eyewashes for industrial use, Tobin's Eyewash Systems are a well proven, quick and safe way to wash chemicals from the eyes. Chemicals in the eye cause serious damage within 1-5 seconds. Washing that begins within a few seconds can be decisive in minimising eye damage. With Tobin an eyewash bottle can be within arms' reach to reduce response time.

Key features:

- Personally carry in pocket
- Contains 200mL sterile saline solution

When and for how long should eyes be washed?

Eye accidents occur without warning. Common to all accidents are acute pain and a sense of blindness. An intense burning sensation makes it feel as if the eyes are on fire. It is extremely important to begin washing immediately. Seconds are decisive. A flow of liquid is important as the purpose is to dilute and wash the chemicals out of the eyes.

Mechanical Injuries
Wash not less than 1 minute

Degreasing Agents
Wash not less than 2-3 minutes

Acid Injuries
Washing must begin within 5 seconds. Speed is more important than anything else. Every second's delay aggravates the situation. Damage increases by the second. The damage seldom increases after 1-2 minutes. Washing for 3 minutes should be sufficient. However, to restore a feeling of comfort a further 2 minutes washing is recommended. These time periods apply only if a predominant part of the liquid makes contact with the eye. The patient should always see a doctor.

Alkaline Injuries
Lighting fast treatment and prolonged washing are extremely important. Eyewashing equipment should be within arms reach and must be designed so that washing can continue during transportation to a doctor. A 10-20 minutes washing period is recommended. In alkaline cases only a doctor can decide when it is safe to discontinue washing.

Face Protection

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BG Visor Holder

- One piece design offering 180° head protection made from Polyethylene
- Ratchet adjustment for ease of adjustment
- Fits all head sizes 53cm-66cm
- Cotton sweat band which provides greater sweat absorption
- QuickLock clips for quick and easy visor replacement
- Certified to AS/NZS 1337.1:2010



HHBGE Visor Holder

- Ultra high impact rated.
- Lightweight guard will accommodate visor range and hard hat earmuff range.
- Attach to Pro Choice Safety Gear hard hats via 25mm hard hat slots.
- Fitted with QuickLock clips
- Certified to AS/NZS 1337.1:2010



PFAF21 Visor Holder

- Deluxe aluminum construction
- Fits most hard-hat
- Features with plastic coated
- Suitable for high heat applications
- Smooth visor fitting
- Certified to AS/NZS 1337.1:2010, EN 166



PFSP171 Visor Holder

- Lightweight design
- Engineered with dielectric materials
- Fits most hard-hat
- Certified to AS/NZS 1337.1:2010, EN 166



PFAF21 Visor Holder

- Deluxe aluminum construction
- Fits most hard-hat
- Features with plastic coated
- Suitable for high heat applications
- Smooth visor fitting
- Certified to AS/NZS 1337.1:2010, EN 166



PFSP171 Visor Holder

- Lightweight design
- Engineered with dielectric materials
- Fits most hard-hat
- Certified to AS/NZS 1337.1:2010, EN 166

Visor Materials



Polycarbonate

- Polycarbonate visor material is best to select for resistance to impact and waterbased liquids (biological, acids, weak solvents).
- Polycarbonate visors have a safe operating temperature of 105°C (material will start to distort and warp when it reaches its maximum temperature).
- Polycarbonate visors come in three thicknesses: 1mm, 1.5mm and 2mm.
- 1mm và 1.5mm polycarbonate visors provide high impact protection.
- 2mm polycarbonate visors provide extra high impact protection.

Certified to AS/NZS 1337.1:2010

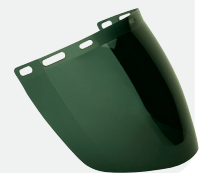
Thermoguard+

- Thermoguard+ visors provide high impact protection and good protection against high heat and chemical splash.
- For chemical (C) splash resistance and molten metal/ hot solids (M).
- Thermoguard+ visors have a safe operating temperature of 125°C (material will start to distort and warp when it reaches its maximum temperature).
- Thermoguard+ visors come in 1mm thickness providing high impact protection.
- Certified to AS/NZS 1337.1:2010

Chinguard wide flare.

Shaded

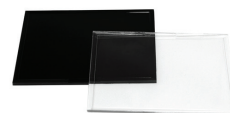
- For use with welding operations.
- Shade 2 for low levels of light radiation.
- Shade 5 visors give protection against liquid splash, high glare and ultra violet radiation.



Part number	Material	Thickness	Colour	Size	Type	Molten meal & hot solids	Extra high impact	High impact	Medium impact	Low impact	Chemical splash resistant	Outdoor use
ANX060-230-000	Polycarbonate	1 mm	Clear	530x620mm	Visor	•		•			•	•
ANX010-230-000	Acetate	1 mm	Clear	530x620mm	Visor	•		•			•	•
VCE	Thermoguard+	2 mm	Clear	204x380 mm	Visor	•	•				•	•
VC	Polycarbonate	2 mm	Clear	205x405 mm	Visor	•	•				•	•
VCGC	Polycarbonate	2 mm	Smoke	260x410 mm	Visor with Chinguard	•	•				•	•
VS5	Polycarbonate	2 mm	Green	205x405 mm	Shade 5 Visor	•	•				•	•
VCGS	Polycarbonate	2 mm	Smoke	260x410 mm	Visor with Chinguard	•	•				•	•
PFVI-1	Polycarbonate	2 mm	Clear	205x405 mm	Visor	•		•			•	•
PFVI-6	Polycarbonate	2 mm	Clear	205x405 mm	Visor with Chinguard	•		•			•	•

SE2741 Welding Helmet

A straight shell welding helmet connected to the helmet with slots, 2" x 4-1/4" flip front lens for easy welding and inspecting. Lenses and helmet sold separately.



Part number	Size	Len material	Description
SE2820	2" X 4.25"	Polycarbonate	Welding clear lens, Clear lens
SE2830	90 X 110 mm	Polycarbonate	Welding clear lens, Shade 9
SE2381	90 X 110 mm	Polycarbonate	Spare filter lens, Shade 11
WW259	100x50 mm	Polycarbonate	Spare filter lens, Shade 9
WW250	100x50 mm	Polycarbonate	Spare filter lens, Shade 10
WW251	100x50 mm	Polycarbonate	Spare filter lens, Shade 11
WW252	100x50 mm	Polycarbonate	Spare filter lens, Shade 12
WW253	100x50 mm	Polycarbonate	Spare filter lens, Shade 13

Disposable Mask

Configuration

Foldable, maintenance free respirator without exhalation valve. Manufactured with four layers of non-woven materials, the external part is made of blue or white non-woven fabric treated with material which prevents the absorption of liquid fluids to protect the structural layer and the electrostatic filter. Internally, the respirator is coated with anti-allergic, non-woven fabric for facial contact. In this set, is fixed one elastic bands sliding and a metal clip to provide seal of the mask on the nasal septum.

Limitations Of Use & Warnings

Do not use this respirator for gases, organic vapors, explosive atmospheres and oxygen of less than 19.5% (Immediate Hazardous to Life and Health). Do not use for dust and mists in concentrations above 10 times your tolerance limit and with a limit of exposure of less than 0.05mg/m³.

RD10P2



- Type: FFP2
- No valve
- Colour: White
- Recommended for airway protection against fumes, dust and mist such as pesticides, fibrogenic particles, iron ore, cement, vegetable dusts, biological agents such as: tuberculosis, SARS, anthrax, H1N1,...
- Only for use against solid aerosols and liquid-based water.
- Standards:
- Certified to CA 10579; NBR 13698; TCVN 7313.

RD20P2



- Type: FFP2
- Valve
- Colour: White
- Recommended for airway protection against fumes, dust and mist such as pesticides, fibrogenic particles, iron ore, cement, vegetable dusts, biological agents such as: tuberculosis, SARS, anthrax, H1N1,...
- Only for use against solid aerosols and liquid-based water.
- Standards:
- Certified to CA 10578; NBR 13698; TCVN 7313.

RD20P2OV



- Type: FFP2
- Valve
- Colour: Grey
- Recommended for respiratory protection against odors of organic vapors up to the action level (half the occupational exposure limit of these contaminants) and also metal or plastic dust, fumes and mists, such as asbestos, silica, coal Mineral, aluminum ore, iron ore, textile fibers, refined cement, lime, talc, caustic soda, powder soap, vegetable dust, sanding and grinding dust, among others..
- Only for use against solid aerosols and liquid-based water.
- Standards:
- Certified to CA 10579; NBR 13698; TCVN 7313.

PCFFP2V



- P2 rating against mechanically and thermally generated particles
- ProValve for increased exhalation efficiency and comfort - reduces heat build up under mask
- Designed for easy storage before use
- Individually packed to avoid contamination
- Mouldable HD foam nose piece for a contoured fit
- Dual latex free and adjustable straps give firm and comfortable fit
- Standards:
- Certified to AS/NZS 1716 BMP No.547903

PC531



- Protects against nuisance-level organic vapours in addition to P2 rating
- ProValve for increased exhalation efficiency and comfort, reduces heat build up under mask
- Colour coded exhalation valve and packaging
- Latex free dual straps give firm and comfortable fit
- Resealable poly bag ensuring masks remain hygienically stored
- Moulded nose piece for close fit and better seal
- Standards:
- Certified to AS/NZS 1716 BMP No.547903

40.05



- Type: FFP2
- Valve
- Colour: Grey
- Recommended for respiratory protection against annoying odors of certain organic vapors and acid gases such as hydrogen fluoride and sulfur dioxide, among others, at levels that do not exceed half of the occupational exposure limits of these contaminants. Additionally, it protects against particles of dust, mist and fumes from metals or plastics, such as: asbestos, silica, mineral coal, aluminum ore, iron ore, textiles, refined cement, lime, talc, caustic soda, vegetable powders, sanding and grinding dust, among others
- Only for use against solid aerosols and liquid-based water.
- Standards:
- Certified to CA 10579; NBR 13698; EN 149.

UNIX Series Half Mask

Head Harness

Easily adjustable head harness a perfect fit for every face type

Mask Body

Improved face seal, designed with all the anatomical features of the facial structure, ensures a tight and stable fit on the face

Materials

All materials used in the UNIX half masks are hypoallergenic and stable to mechanical and chemical influences, ensuring long-term service life.

Half Mask Design

Small sized, soft and comfortable half mask applies minimal pressure to the face, providing wearing comfort.

Bayonet-filter Connection

Quick and safe connection of replaceable filters.

Disassembled Format

Can be disassembled, cleaned and reused quickly and easily.

Filter with bayonet connection

Full face mask are used together with the comprehensive range of gas filters of UNIX 500 series and particle of UNIX series. Filters comply with EN 14387 and EN 143 standards.



Accessories



Waist bag for storage and transportation as an additional offer.



- UNIX 501A2 UNIX 521 A1B1E1
UNIX 502A2 UNIX 531 A1B1E1K1
UNIX 512K2 UNIX 522 A2B2E2
- Protect against harmful gases and vapors
- UNIX 303 P3 UNIX 203P3
- Particle protection
- UNIX 223P3
- Particle filters with additional protection from harmful gases and vapours up to 1 TLV
- UNIX 501A1 UNIX 521A1B1E1 UNIX P1
UNIX 502A2 UNIX 531A1B1E1K1 UNIX P2
UNIX 512K2 UNIX 522A2B2E2K1 UNIX P3
- Combined protection from gases vapours and particles
- Retainer

Part Number	Size	Material	Weight	Expiry of shelf life	Standard
UNIX 1000	1, 2, 3	TPE	130 g	5.5 years	EN 140
UNIX 1100		Silicone	136 g		

POLIMASK Half Mask

Half masks complying with EN 140, available in EPDM and Silicone rubber. They can be fitted with Sèkur filters series 200, series 230 and DIRIN 230 - DIRIN 300 with thread complying with EN 148/1

Body mask in EPDM or silicone rubber (Polimask 100/2 is available only in EPDM rubber)
Two-piece harness with adjustable buckles and fasteners

Low breathing resistance:

- Polimask 100/2 (0,5 mbar during inhalation, 1,6 mbar during exhalation, at a rate of 160 l/min).
- Polimask 230 (0,9 mbar during inhalation, 1,6 mbar during exhalation, at a rate of 160 l/min).

Fitting with filters Series 200 (Polimask 100/2), Series 230 (Polimask 230) and DIRIN 230-300 (Polimask 330).

Advantages

- Adaptability to any kind of face with a good sealing ability (approximately 0.5% leakage).
- Easy donning and doffing.
- Easy maintenance, washing and disinfection
- Compatibility with the use of glasses and goggles



POLIMASK 230 Half Mask



Half mask in EPDM rubber for use with two Sèkur filters series 200

Product Code:
4336 2100

Material:
Body mask: EPDM or silicone rubber
Harness attachment support: Polyamide
Filter fittings: Polypropylene
Harness: EPDM

Weight:
145 g

Filter: Series 230



Body mask: EPDM
Filter fittings: Polypropylene
Harness: EPDM

POLIMASK 100/2 Half Mask



Half mask in EPDM or Silicone rubber for use with one Sèkur filter series 230

Product Code:
4336 1005

Material:
Body mask: EPDM
Filter fittings: Polypropylene
Harness: EPDM

Weight:
140 g

Filter: Series 200



POLIMASK 2000 Half Mask

Half masks complying with EN 140, available in EPDM and Silicone rubber. They can be fitted with Sèkur filters series 200, series 230 and DIRIN 230 - DIRIN 300 with thread complying with EN 148/1.

Body mask in EPDM or silicone rubber.

Elastic textile harness system that does not capture the hair, combined with soft resin elements synthetic that ensure a stable positioning on the neck.

Large internal sealing flap that allows a perfect adaptability to the face and an excellent seal.

Low breathing resistance: (< 1,2 mbar during inhalation, < 2 mbar during exhalation, at a rate of 160 l/min)

Fitting with filters Series 200 (Polimask Beta), Series 230 (Polimask Gamma) and DIRIN 230-300 (Polimask Alfa)

Advantages

- Adaptability to any kind of face with a good sealing ability (approximately 0.5% leakage).
- Easy donning and doffing.
- Easy maintenance, washing and disinfection.
- Compatibility with the use of glasses and goggles.



POLIMASK GAMMA Half Mask



Half mask in EPDM or Silicone rubber for use with one Sèkur filter series 230

Product Code:
4336 2112

Material:
Body mask: EPDM or silicone rubber
Harness attachment support: ABS
Filter fitting: Polypropylene
Harness: Nylon/Elastic

Weight:
169 g

Filter: Series 230



POLIMASK BETA Half Mask



Half mask in EPDM or Silicone rubber for use with one Sèkur filter series DIRIN (DIRIN 230-DIRIN 300).

Product Code:
4336 2109

Material:
Body mask: EPDM or silicone rubber
Harness attachment support: ABS
Filter fitting: Polypropylene
Harness: Nylon/Elastic

Weight:
165 g

Filter: Series 200



Full face masks complying with EN 136, for use with dust, gas and combined filters with threaded fitting EN 148/1 (DIRIN series). Only C 702 and C 607 Twin have instead a double fitting to be used with a couple of filters Series 200.

	C701	C702	SFERA	C 607	C 607 TWIN
THERMOPLASTIC	X	X			
EPDM			X	X	X
SILICONE			X	X	
CLASS 2				X	X
CLASS 3	X	X	X	X	

Material

- C607 E, Sfera, masks are available in EPDM and silicone rubber.
- Selecta and C 607 E masks are available only in EPDM.
- C 701 and C 702 full face masks are available in thermoplastic material.

Protection Class

SFERA, C 701 and C 702 full face masks are class 3. C 607 Twin and Selecta are class 2, C 607 E is class 2 but is also available in class 3



C701 Full Face Mask



The mask is certified as class 3 according to EN 136 (maximum mechanical, heat and flame resistance). For use with particle, gas and combined filters equipped with EN 148/1 threaded connection.

Innovative inspiration system with rectangular inhalation valve and absence of non-return valves, which ensures excellent anti-fog, assuring a minimum level of breathing resistance.

Panoramic visor, optical class 1 (EN 166), ensures a wide field of vision, without optical distortions.

- Ballistic resistance (STANAG 2920).
- Available with anti-scratch treatment.

Half mask and face seal in thermoplastic

- Excellent adaptability to different facial conformation
- Hypoallergenic material

Comfortable harness fixed on 5 points

- Available in EPDM or 3D fabric (interchangeable)

Available in 6 colours (red, olive green, aquamarine, orange, black and white).

Filter:

Series 230
Series DIRIN 230
Series DIRIN 300
Series DIRIN 500
DIRIN 530

Material:

- Face seal: Thermoplastic rubber
- Inner half mask: Thermoplastic rubber
- Visor: Polycarbonate • Connector: Polyamide (PA)
- Harness: EPDM o 3D fabric

Weight:

With EPDM harness: 650g.
With 3D harness: 620g.

C 702 Full Face Mask



The mask is certified as class 3 according to EN 136 (maximum mechanical, heat and flame resistance). For use with a couple of particle, gas and combined filters SERIES 200.

Innovative inspiration system with rectangular inhalation valve and absence of non-return valves, which ensures excellent anti-fog, assuring a minimum level of breathing resistance

Panoramic visor, optical class 1 (EN 166), ensures a wide field of vision, without optical distortions.

- Ballistic resistance (STANAG 2920).
- Available with anti-scratch treatment.

Half mask and face seal in thermoplastic

- Excellent adaptability to different facial conformation
- Hypoallergenic material

Comfortable harness fixed on 5 points

- Available in EPDM or 3D fabric (interchangeable)

Available in 6 colours (red, olive green, aquamarine, orange, black and white).

Filter:

Series 200

Material:

- Face seal: Thermoplastic rubber
- Inner half mask: Thermoplastic rubber
- Visor: Polycarbonate • Connector: Polyamide (PA)
- Harness: EPDM o 3D fabric

Weight:

With EPDM harness: 650g.
With 3D harness: 620g.

SFERA Full Face Mask



Extra wide view full face mask. Multipurpose connector and accurate distribution of weights.

Wide field of vision: over 85% of the natural field.

Full face polycarbonate visor with a high impact resistance, completely free from distortions. The visor has an antiscratch coating and a good resistance to acids.

Resistance to flame and radiant heat: the mask is self-extinguishing and retains its protective capacity even after such severe tests.

Quick donning and doffing; the shoulder strap allows to keep the mask ready for immediate use.

Long shelf life: high ozone resistance of the rubber compounds used.

Easy maintenance, washing and disinfection: all components can be disassembled with simple tools.

Product Code:

Silicone: 43333002 • EPDM: 43333005

Material:

Face seal: EPDM or Silicone • Inner half mask: EPDM or Silicone rubber • Visor: Polycarbonate • Connector: Polyamide (PA) • Harness: EPDM

Weight:

650 g

Filter:

Series 230 | Series DIRIN 230 | Series DIRIN 300
Series DIRIN 500 | DIRIN 530

C 607E Full Face Mask



Compact full face mask, fitting any face conformations. Polycarbonate visor with high impact resistance to acids, even at high concentrations.

Optional: multilayer safety glass visor especially resistant to paints and solvents.

Excellent voice transmission thanks to the frontal position of the speech diaphragm.

Product Code:

EPDM: 43332034 • Silicone: 43332037

Material:

Face seal: EPDM or Silicone • Inner half mask: EPDM or Silicone rubber • Visor: Polycarbonate • Connector: Polyamide (PA) • Harness: EPDM

Weight:

580 g

Filter:

Series 230 | Series DIRIN 230 | Series DIRIN 300
Series DIRIN 500 | DIRIN 530

Available C607 TWIN in EPDM rubber, with double fitting for filters Series 200.

Product Code:

43330608

Filter:

Series 200

Respiratory Protection

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UNIX 5000 Series Full Face Mask

Full face masks of the UNIX series supplied with gas or particle filters are designed to protect respiratory organs, face and eyes from vaporous and gaseous harmful substances and aerosols, while providing a comfortable wearing for the duration of the shift. Full face masks of the UNIX series are used with the same filter system UNIX as half masks of the UNIX series. Tested in accordance with EN 136:1998.



Five-point Head Harness with self-tightening buckles
Quick adjustment and secure fit

Panoramic Visor
The visor is constructed from high-strength polycarbonate ensuring increased durability and a wide field of view

Double-sided Bayonet Connection
Balanced weight distribution

Speech Diaphragm
Optimal possibility for clear and easy communications

Materials
All used materials are soft, stable to mechanical and chemical influences and hypoallergenic for wearing comfort and durability.

Filter with bayonet connection

Full face mask are used together with the comprehensive range of gas filters of UNIX 500 series and particle of UNIX series. Filters comply with EN 14387 and EN 143 standards.



Part number	Size	Material	Class	Expiry of shelf life	Standard
UNIX 5000	One universal size	TPE	2	10 years	EN 136
UNIX 5100		Silicone			

Accessories



Bag for storage and transportation



Protection film against exposure to corrosive substances and mechanical damage for panoramic glass (10 pcs)

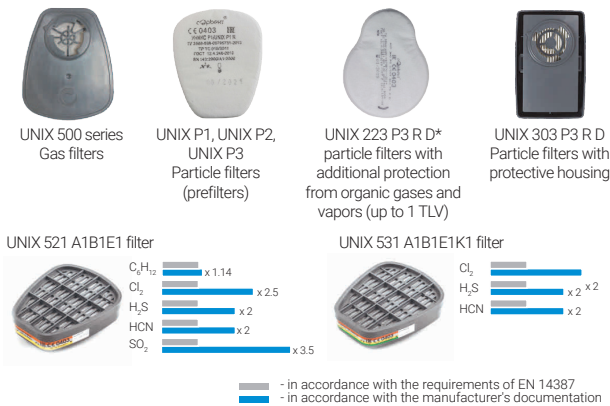
Advantages of UNIX 500 filters

Prolonged breakthrough time compared to EN 14387 requirements
We use highly efficient absorbers of proprietary development. A developed scientific and technical base along with 50 years of experience in the field of chemical absorbers production allows us to design high-efficiency absorbers, ensuring the double breakthrough time some of the UNIX 500 filters in comparison with the European standard for chlorine, hydrogen sulfide and hydrogen cyanide, and triple that of sulfur dioxide. This has enhanced the efficiency of UNIX 500 filters.

UNIX 6100 Full Face Mask

Fields of application Chemical, petrochemical, metallurgical, machine-building, including car manufacturing, aircraft, shipbuilding, woodworking, pulp and paper, pharmaceutical, food industry, medicine, agriculture, construction, painting, welding, quarrying operations.

Filters for panoramic mask



Note: when using gas filters with particle filters UNIX P1, UNIX P2, UNIX P3, these advantages remain.

Silicone version

- increased strength of the head harness, face seal and inner mask
- elasticity of the mask when exposed to high and low temperatures

Mounting on the head

- convenient adjustment of the head harness allows to put on and remove the mask quickly
- head harness with four mounting points

Mask housing

- low profile - compatible with protective helmets

Panoramic glass made of polycarbonate

- the field of vision is more than 80 %
- mechanical strength

Additional options

- glass with protection from fogging and scratches
- replaceable protective film

Speech device

- speech intelligibility
- ability to work with means of communication

Bayonet connection of filters

- fast and reliable one-click filter replacement

Exhalation valve

- has a protective screen
- exhale downwards - no effect of air flow on the work surface
- ability of exhalation valve disk cleaning

Three sizes of panoramic mask

- easy selection for people with different face size and shape

Low weight - not more than 480 g



MAG Series Full Face Mask

For more than 10 years MAG masks have been protecting workers of industrial enterprises engaged in conditions of high air pollution level from a various number of factors, such as: harmful gases and vapors, aerosols (dust, smoke, fog), or their combinations. MAG series full face masks are to be used with DOTpro filters in plastic version and DOT in metal version with thread connection.

5-point headband with self-tightening buckles ensures fast and reliable fit on the head



Increased strength of the sight glass

Wide panoramic view

EN 148-1 standard thread connection for filter junction

Two choices of the inner mask, facepiece seal and headband material: rubber (MAG) and silicone (MAG-4)

The mask material resistance to the action of aggressive substances makes it suitable for various working conditions (EN 136 Class 2)

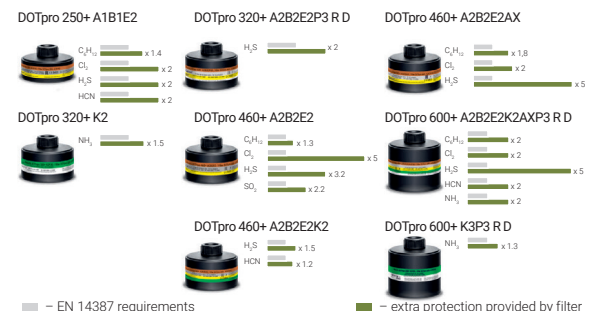
Double seal allows for one universal mask size

Thread filters to be used completed with MAG series full face masks.



Our special offer: prolonged filter protection time

1. DOT and DOTpro filters have extended protective power time in comparison with the requirements of EN 14387 standard (data provided below)
2. Reusable filters for protection against carbon monoxide (DOT M 460) and nitrogen oxides (DOTpro M 600)



AerGO®

CleanAIR®AerGO® – universal powered air purifying respirator designed for personal respiratory protection in dusty industrial environments including areas with contaminants in the form of gases and vapours. The unit is provided with a control system of constant air flow and an advanced electronic system for warning the wearer in the case of a sudden decrease of airflow or low battery charge. The ergonomic design, low weight and slim profile of the unit guarantee a high level of user comfort, even in environments with limited possibilities of movement. The unit is compatible with a wide range of CleanAIR® headtops for various industrial applications.

Features & Benefits:

- Ergonomic design and low weight – only 980 g
- Slim profile of the unit – only 65 mm
- Universal usage – filtration of particulate contaminants, gases and vapours
- Operation time > 20 hours with Heavy Duty battery, or up to 10 hours with the standard battery
- Short battery recharging time < 3 h (standard battery)
- Adjustable airflow (160 lpm and 210 lpm)
- Controlling the constant airflow without regard to the state of the filter and the battery capacity
- Audiovisual and vibrating alarm indicating low airflow and low battery charge
- Simple control with only one button
- Ergonomic and comfortable belt which is easy to exchange
- Unique solution of the filter sealing which provides a perfect unit seal after every change of the filter

Technical data	
Air flow	160 lpm and 210 lpm
Operation time*	up to 10 hours with Standard battery more than 20 hours with Heavy Duty battery
Weight	980 g (incl. standard battery)
Noisiness	max. 70 dB
Dimensions	235 mm / 126 mm / 65 mm
Battery Standard	Li-Ion 14,4 V / 2,6 Ah
Battery Heavy Duty	Li-Ion 14,4 V / 5,2 Ah
Certification	EN 12941 TH3

* Measured with airflow 160 lpm, fully charged battery and clean particle filters



Chemical 3F

New generation of powered air purifying respirator designed to filtrate contaminants in the form of gases, vapours, particles and their combinations.

High level of performance, mechanical and chemical resistance, UV resistance and Ingress protection IP64 guarantee sufficient protection of the wearer even in heavy industrial environments, the chemical industry, laboratories and the pharmaceutical industry. Full colour display clearly shows all the relevant information needed.

Features & Benefits:

- High mechanical and chemical resistance
- Resistance to intrusion of liquids and solid particles – IP64
- Can be decontaminated by a shower
- Advanced electronic system for warning the wearer
- Full colour TFT display clearly shows all the relevant information needed
- User modes HOOD / MASK
- Airflow 120–235 lpm
- Li-Ion battery and quick battery charger (charging time < 3 h)

Technical data	
Air flow – adjustable	120–235 lpm
Operation time*	Up to 10 hours
Weight	1100 g (including battery)
Noisiness	max. 62 dB
Dimensions	320 mm / 200 mm / 150 mm
Battery	Li-Ion 14,4 V / 2,6 Ah
Certification	EN 12941 TH3



Chemical 2F

New generation of powered air purifying respirator designed to filtrate contaminants in the form of gases, vapours, particles and their combinations.

Despite its compact size and low weight, the Chemical 2F unit has high mechanical and chemical resistance, and UV resistance. The construction of the unit allows easy decontamination in a shower thanks to Ingress protection IP64. The unique automatic closing system prevents unwanted contamination of the unit by particles while the filters are being changed. Full colour display clearly shows all the relevant information needed.

Features & Benefits:

- Compact design and low weight
- High mechanical and chemical resistance
- Resistance to intrusion of liquids and solid particles – IP64
- Can be decontaminated by a shower
- Unique automatic closing system
- Advanced electronic system for warning the wearer
- Full colour TFT display clearly shows all the relevant information needed
- Individual working modes HOOD / MASK
- Airflow 120–235 lpm
- Li-Ion battery and quick battery charger (charging time < 3 h)

Technical data	
Air flow – adjustable	120-235 lpm
Operation time*	up to 10 hours with Standard battery more than 16 hours with Heavy Duty battery
Weight	960g (including battery)
Noisiness	max. 62 dB
Dimensions	240 mm / 110 mm / 120 mm
Battery Standard	Li-Ion 14,4 V / 2,6 Ah
Battery Heavy Duty	Li-Ion 14,4 V / 5,2 Ah
Certification	EN 12941 TH3, EN 12942 TM3



Respiratory Protection

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Safety Helmet CA-40GW

Safety helmet CA-40GW with grinding and welding shield

Multi-purpose safety helmet with a welding and grinding shield provides 5 levels of protection at once: eye, face, head, respiratory and optional hearing protection. Stable flip-up is compatible with auto-darkening filters or passive filters in dimension of 110x90 mm. Superb quality visor with anti-fog / anti-scratch coating guarantees excellent field of vision and increased durability. The easy to change DIN4 or DIN5 visor expand the system to the perfect protector for efficient Plasma or Oxy cutting. The product is suitable for the most challenging welding tasks including welding preparations (positioning, clamping) and further surface operations (grinding, cleaning, polishing).

Features & Benefits:

- Multiple protection – 5 levels of protection at once: eye, face, head, respiratory and optional hearing protection.
- Easy to wear, easy to use and easy to maintain system.
- Compatible with ADFs or passive filters 110x90 mm.
- Superb quality spherical visor guarantees an excellent field of vision.
- Anti-fog coating prevents the visor from fogging.
- Anti-scratch coating increases the mechanical durability of the visor.
- Shade 4, shade 5 and yellow visors available.
- Enhanced robustness – protection against high-speed particles with HIGH energy.
- In-built air distribution system.
- The highest standard in respiratory protection – TH3.



Welding Hood CA-20

Superb optics & uncompromising respiratory protection

The highest optical quality 1/1/1/1 and superb clarity of vision in both light state and during welding. Wide field of vision thanks to enlarged lens with True Colour feature. CA-20 helmet features enhanced TIG detection optimized down to 1 amp. In-built air distribution system delivers the air right into the breathing zone with possibility of individual adjustment of airflow direction. CA-20 meets the highest standard in respiratory protection.

Features & Benefits:

- Superb clarity of vision and the highest optical quality 1/1/1/1.
- Enlarged viewing area 97x68 mm.
- True colour display – improved colour perception.
- Extended shade adjustment:
 - 6 - 8 for Oxy and Plasma cutting.
 - 9 - 13 for welding.
- Grind mode function.
- Fast and easy spare parts replacement.
- Advanced air distribution system.
- The highest standard in respiratory protection – TH3.
- 5 years warranty.



Unimask

Light universal face shield providing the highest comfort and safety.

The highest level of breathing protection with enhanced inner airflow regulation and a visor with excellent optical and mechanical features make this universal light face shield a true leader of its class. UniMask is light (just 380 g) and offers excellent user's comfort – the inner airflow regulation allows the user to set direction and intensity of the air to be delivered to the face or directly into the breathing zone. The users can opt for a soft textile or a neoprene face seal according to their preferences. The visor provides clear and undisturbed view of the highest quality (class 1 according to EN 166), high mechanical resistance and anti-fog coating. UniMask is easy to use and all spare parts are quickly and easily removable which enables fast and simple maintenance.

Features & Benefits:

- The highest class of breathing protection TH3.
- Enhanced inner airflow regulation.
- Light weight – only 380g.
- Excellent optical quality EN 166 class 1.
- High mechanical resistance of the visor.
- Anti-fog coating.
- Safety helmet compatible.
- Neoprene or textile face seal option.
- Easy to use and adjust.
- Fast and simple maintenance.



Long Hood CA-2

Ultralight long hood with superior breathing protection

This long light hood ensures respiratory protection and protection of the head, neck and shoulders in dusty environments where no further mechanical protection is required. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of breathing protection. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The light nylon fabric and spacy cut makes it pleasant to wear even for long time work. The wide panoramic visor with antifog coating ensures undisturbed view and provides basic mechanical protection of the eyes.

Features & Benefits:

- Superior respiratory protection.
- Wide visor with antifog coating.
- Individual headgear settings – adjustable perimeter and distance from the visor.
- Pleasant to wear due to the spacy cut and light weight durable material.
- Provides full protection of the eyes according to EN 166.
- Practical reflective tab on the top.
- Protection of the upper part of the body.



Protective Shield CA-3

Spacy shield with an unlimited view

This popular light protective shield with a wide acetate visor provides respiratory protection and face protection against splashing chemicals. The visor offers a broad and clear field of vision, high chemical resistance and protection against liquid spraying.

Attention! This type of visor is not recommended for grinding operations. It provides protection against liquid spraying in accordance with the standard EN 166.

Features & Benefits:

- Light and spacious face shield
- Broad field of vision
- High chemical resistance
- Easily exchangeable visor
- Comfortable adjustable headgear
- Soft headband



Protective Shield CA-4

Lightweight industrial safety helmet with air distribution

CA-4 safety helmet combines respiratory protection with protection of the head, face and ears and can be modified according to the wearer's needs. The helmet can be equipped with further safety elements: an additional flip-up acetate visor (transparent or green DIN 5), earmuffs or a long cape for protection of the neck against splashing liquids. The wide panoramic visor with an anti-fog coating enables good orientation. The helmet fits well thanks to adjustable headgear and is provided with a sweatband.

Features & Benefits:

- Combined respiratory protection and protection of the head, face and ears.
- Wide field of vision.
- Anti-fog coating.
- Comfortable adjustable headgear.



Poliblitz ABEK 15



The respirator is available in POLIBLITZ ABEK 15 "Ex" version: ATEX approved, according to the 94/9/EC ATEX Directive. It is suitable for use in potentially explosive atmospheres. The device is of Group II (for civil and industrial environments); Category 1, for 0 and 20 zones (by far the zones with the highest risk of explosion).

- One size fits all faces.
- Very quick donning.
- Equipped with exhalation valve.
- Its protection can be completed by a pair of gas goggle Type 888.
- The filter can be replaced after use.
- Weight: approx. 410 g

Blitz 10



BLITZ 10 is an escape device with ABEK filter, equipped with a mouthpiece and a nose clip. It protects against industrial gases and vapours. Protection is limited with respect to compounds with a boiling point lower than 65°C and in highly toxic concentrations.

- The device does not protect from carbon monoxide or oxygen lack, since it does not provide oxygen.
- The duration of respirator BLITZ 10 is 10 minutes.

Sèkur escABEK



Sèkur escABEK is a disposable escape device, with a mouthpiece and a hood, especially developed for the evacuation from industrial areas in case of chemical accidents.

Sèkur escABEK è available in 2 configurations:

- EscABEK P 15: protects against gases and dusts (class P2);
- EscABEK P3 15: has been additionally certified in conformity to EN 14387, thus resulting an A1B1E1K1 P3 filter device;
- Both devices do not protect against carbon monoxide;
- The duration of respirator Sèkur escABEK is 15 minutes.
- Total weight is 450 grams.

Sèkur esCAPE



Sèkur esCAPE is an escape device with filter that protects respiratory organs, eyes and face against hazardous substances and smoke developed in the event of fire. Sèkur esCAPE, fitted with a mouthpiece and a hood, allows a high degree isolation of the wearer in a contaminated environment.

The combined filter protects the user from P2 dusts, acrolein, HCl, HCN and carbon monoxide also in high concentrations (until 10000ppm of CO). All materials are heat and flame resistant, and grant the device a high impact resistance. The use is simple and intuitive.

- This device is for a single use only.
- The duration of respirator Sèkur esCAPE is 15 minutes.

ZEVS-U

Application

ZEVS-U, a filtering device with hood for escape from fire, is intended for protection of respiratory system, eyes, and head of adults and children over 12 years old from toxic combustion products including carbon monoxide, other hazardous chemical substances, and aerosols like smoke, dust and mist emitted in case of fire and other man-made emergencies.

ZEVS-U is a single use device used for self rescue of a person at evacuation during fires in hotels, residential and administrative buildings, hospitals, crowded buildings, and other similar facilities.

ZEVS-U corresponds to the Main Safety Requirements according to the EU Directive 89/686/EEC (Annex II) and the requirements of EN 403:2004 «Respiratory protective devices for self-rescue – Filtering devices with hood for escape from fire - Requirements, testing, marking.



Application Conditions

ZEVS-U refers to a filter type protective equipment. It is used for protection against toxic substances when the content of oxygen in the ambient air is not less than 17% and ambient temperature is from 0° to +60°C. ZEVS-U maintains its protective properties even after exposure to temperature of +200°C for 1 minute and short-term influence of the open flame with temperature +800±50°C during 5 seconds.

Advantages:

- High level of effectiveness
- Protection against a wide range of hazardous substances
- Comfortable breathing and speech communication
- One size for adults and children
- Convenient in operation
- Special preparation and training of a user isn't required

iEvac®

The iEvac Smoke Mask/Fire Escape Hood is the only smoke/fire evacuation hood certified to the American Standard ASTM E2952. Years of research and testing went into creating the iEvac, the most technologically advanced escape mask on the market today.

The iEvac® Protects against:

- Carbon Monoxide
- Hydrogen Sulfide
- Additional Toxic Gases: sarin, smoke, hydrogen cyanide, chlorine, ammonia, sulfur dioxide, tear gas, OC, and more
- Harmful Particulates: soot, fumes, aerosols, and others
- Contains a HEPA P100 filter that removes sub-micron particles such as ebola, anthrax, ricin, smallpox, and radioactive particles
- Life-Threatening Physical Hazards: flammability and radiant heat



iEvac is currently being used nationwide by federal, state, local government agencies, all branches of the military, Fortune 500 companies, transit authorities, sporting arenas, marine, aviation, hospitals, homeowners and more.

iEvac has also achieved overwhelming acceptance internationally for its groundbreaking technological advantages and is currently being used in over 40 countries.

Features

- Maintenance-free
- At 9.5 in. (240mm) can withstand up to 1700°F (927°C) in radiant heat
- Twin filters for easier breathing
- Improved field of view compared with single filter in front
- Hood is a clear material resulting in an unobstructed field of view
- High visibility reflective strips for easy recognition
- Highest level of protection maintained by silicone neck dam
- Protects lungs, head, eyes, and face
- Can be used with eyeglasses, beards, and long hair
- Packaged in puncture- and- water-proof laminate barrier
- Quick and easy donning
- Latex-free
- One universal size



Respiratory Protection

www.panindochina.com.vn

How To Select A Filter?

- Will the atmosphere contain sufficient oxygen throughout the period of exposure?
- Which hazardous substances are likely to be present? What are their physical and chemical properties?
- Which forms do the airborne contaminants take – dust, fibre, mist, fume, microorganism, gas, vapour, radioactive particulates or gases?
- What health effects can these substances have on the body? Special attention is needed if there are several substances that may interact, either by reacting chemically, or by having synergistic adverse health effects.
- What are the concentrations in the atmosphere?
- What are the relevant occupational exposure limit values or the safe exposure levels?
- A filtering device should have the correct type of filter matched to the substance(s) from which the wearer needs protection. The maximum mass of filter designated to be connected to a half mask is 300g and to a full face mask 500g. Filters are colour coded, marked with type and class, as well as labelled with the shelf life as factory sealed. The filter label includes the "CE" mark and EN standard number(s), and markings relevant to particular types; if for a powered respirator, the device class.

Particle filter classification according to EN 143

Class	Efficiency (%)	NPF	Maximum permitted penetration		Assigned protection factor*		
			NaCl	Paraffin oil	D	FIN	UK
P1	Low (80,00%)	5	20 %	20 %	4	4	4
P2	Medium (94,00%)	16	6 %	6 %	15	15	10
P3	High (99,95%)	2 000	0,05 %	0,05 %	500	400	40

Gas / combined filter capacity requirements

Classification	EN 14 387 negative pressure respirators			EN 12 941, EN 12 942 powered air purifying respirators		
	Class 1	Class 2	Class 3	Class 1	Class 2	Class 3
Capacity	LOW	MED	HIGH	LOW	MED	HIGH
Concentration of the test gas	0,1 %	0,5 %	1,0 %	0,05 %	0,1 %	0,5 %

Filter type	Test gas	Minimum breakthrough time			Minimum breakthrough time		
		70 min	35 min	65 min	70 min	70 min	35 min
B	Cyclohexane C6H6	70 min	35 min	65 min	70 min	70 min	35 min
	Chlorine Cl2	20 min	20 min	30 min	20 min	20 min	30 min
	Hydrogen sulphide H2S	40 min	40 min	60 min	40 min	40 min	40 min
E	Hydrogen cyanide HCN	25 min	25 min	35 min	25 min	25 min	35 min
	Sulphur dioxide SO2	20 min	20 min	30 min	20 min	20 min	20 min
K	Ammonia NH3	50 min	40 min	60 min	50 min	50 min	40 min

Special filters

Filter type	Test gas	Test gas concentration	Minimum allowed breakthrough time
AX	Dimethyl ether	0,05 v%	50 min
	Isobutane	0,25 v%	50 min
Hg-P3	Mercury, Hg vapour	1,6 ml/mg	100 hour
NOP	NO, NO ₂	0,25 v%	20 min

Filter for UNIX Series

Purpose & Conditions of use:

UNIX series filters with bayonet connection are designed to clean the inhaled air from harmful vaporous and gaseous substances and particles as part of full face masks and half-masks of UNIX series. Filters are applied when the volume content of oxygen in the air is not less than 17%.

Available Range:

1. Gas filters of UNIX 500 series protect from one or more harmful substances.
2. Particle filters UNIX 203 P3 D.
3. Particle filters UNIX 223 P3 protect against particles and harmful gases and vapors up to 1 TLV.
4. Particle filters UNIX 303 P3 D filter of the closed type, designed for operation in conditions of high humidity.
5. Particle prefilters UNIX P1, P2, P3 together with gas filters of UNIX 500 series provide combined protection. Join them with a retainer.

Guaranteed Shelf Life:

Gas filters of UNIX 500 series – 5.5 years
 Particle filters UNIX 203 P3 D – 3.5 years
 Particle filters UNIX P1, P2, P3, UNIX 223 P3 D, UNIX 303 P3 D – 5.5 years

Certificates:

1. Gas filters of UNIX 500 series : EN14387:2004+A1:2008.
2. Particle filters UNIX 203 P3 D, UNIX 223 P3 D, UNIX 303 P3 D, prefilters UNIX P1, P2, P3: EN143:2000 /A1:2006.



The service life of a gas filter depends on:

- Concentration and characteristics of the workplace contaminant.
- Filter capacity, eg. filter class, compare workplace concentrations to test values.
- Breathing volume and work rate. Humidity of the air.
- Temperature of the atmosphere.

Gases and vapours have various effects on health:

- They can irritate the membranes of respiratory organs, the eyes and skin.
- They can reach the lungs and cause damage there.
- They can be absorbed in the blood and cause temporary or permanent damage to various parts of the body.
- They can cause irreparable damage to the nervous system
- The most hazardous gases can intoxicate or suffocate, and even destroy individual bodily organs.
- They can be lethal.

Effects of gaseous substances depend on:

- The characteristics of the gas or vapour; eg. toxicity.
- The concentration of the contaminant in the air.
- Duration of exposure to the contaminant.
- The chemical compound or mixture of substances making up the contaminant.
- The ability to react chemically with organic tissue as well as the propensity to be absorbed in the blood.
- Personal characteristics, e.g. rate of respiration, blood circulation and sensitivity.

Colour code	For use against
Brown A	Organic gases and vapours (boiling point above 65 °C) Class 1, 2, 3
Brown AX	Organic gases and vapours (boiling point at or below 65 °C) Single use only; AX filters are only specified for one class
Grey B	Inorganic gases and vapours Class 1, 2, 3 Do not use against carbon monoxide
Yellow E	Acid gases Class 1, 2, 3
Green K	Ammonia and its organic derivatives Class 1, 2, 3
White P	Particles Class 1, 2, 3
Red Hg	Mercury Must include P3 particle filter. Maximum use time 50 hours Special filter are only specified for one class
Black CO	Carbon Monoxide
Blue NO	Nitrous gases, including nitrogen monoxide

P1 R UNIX P1	P				
P2 R UNIX P2	P				
P3 R UNIX P3	P				
P3 R D UNIX 223	P				
A1 UNIX 501	A				
A2 UNIX 502	A				
K2 UNIX 512				K	
A1B1E1 UNIX 521	A	B	E		
A1B1E1K1 UNIX 531	A	B	E	K	
A2B2E2 UNIX 522	A	B	E		

Filter for POLIMASK Series, C 701, C 702, SFERA & C 607 Series

D.P.I. has a wide range of dust, gas and combined filters: series 200 (to be used in pairs), series 230 and DIRIN (with threaded connector EN 148/1). Dust filters comply with the standard EN 143, gas and combined filters with EN 14387. All dust and combined filters with P2 and P3 are marked with R (reusable) and D (dolomite tested)

The series 200 include particulate, gas and combined filters in a synthetic resin container built with special screw in connector for use with half mask POLIMASK® 100/2, POLIMASK® Beta, or C607/TWIN full face mask.

The series 230 includes particulate, gas, vapour and combined filters. The filter case is made of light, impact resistant, synthetic resin. Directly connectable to the half mask POLIMASK 230. By using the threaded adapter (code 4201.0600) conforming with EN 148/1, they can also be fitted on the POLIMASK® 2000 Gamma or on the C607 and SFERA full face masks.

The DIRIN series includes antigas class 2 filters, combined class 2-P2 and 2-P3 filters built with screw-in connector EN 148/1.

The container is made of synthetic resin or light alloy. They can be fitted on POLIMASK® 2000 Alfa, or SFERA, C607 full face masks.



Series 200 Filter	A2 P3 RD 4340 1024	P	A						
Series 200 Filter	A1B1E1K1 P3 RD 4340 1020	P	A		B	E	K		
Series 230 Filter	A2P3 RD 4340 5120	P	A						
Series 230 Filter	A2B2P3 RD 4340 5122	P	A		B				
Series 230 Filter	A2B2E2K2P3 RD 4340 1166	P	A		B	E	K		
DIRIN 230 Filter	AX P3 RD 4341 0606	P		AX					
DIRIN 230 Filter	A2P3 RD 4341 0625	P	A						
DIRIN 230 Filter	A2B2P3 RD 4341 0627	P	A		B				
DIRIN 230 Filter	HGP3 RD 4341 0634	P							Hg
DIRIN 230 Filter	A2B2E2K2P3 RD 4341 0640	P	A		B	E	K		
DIRIN 230 Filter	A2B2E2K2HGP3 RD 4341 0654	P	A		B	E	K		Hg
DIRIN 300 Filter	A2B2P2 RD 4341 0111	P	A		B				
DIRIN 500 Filter	A2B2E2K2P3 RD 4341 1887	P	A		B	E	K		
DIRIN 530 Filter	A2B2E2K2HGN020COP3RD 4341 1885	P	A	NO	B	E	K	Hg	CO

Filter for MAG Series

Gas filter DOT M 460 A1B1E1K2 + protection from carbon monoxide in set with full face mask MAG is intended for protection respiratory organs from harmful vapours and gases, including carbon monoxide.

Your benefits:

1. Saving of money.
2. Secure protection of health, and prevention of work-related deceases.

Advantages:

1. REUSABLE PROTECTION for carbon monoxide.
2. Highly efficient filtration due to unique technology of uniform distributing the absorbent particles inside the filter.
3. Handy bag for storage and carrying the filter.



A2 250 A2			A						
A2P3 RD 320 A2P3 RD	P	A							
HGP3 RD 320 HGP3 RD	P								Hg
K2P3 RD 320+ K2P3 RD	P							K	
A2B2E2 P3 RD 320+ A2B2E2 P3 RD	P	A			B	E			
A2B2E2K2 P3 RD A2B2E2K2 P3 RD		A			B	E	K		
A2B2E2 460+ A2B2E2		A			B	E			
A2B2E2K2 460+ A2B2E2K2		A			B	E	K		
A2B2E2-AX 460+ A2B2E2-AX		A	AX		B	E			
A1B1E1K2 CO M460 A1B1E1K2 CO		A			B	E	K		CO

CleanAIR® Filter

The complete production programme of CleanAIR® canister filters offers a wide choice of filters for most industrial applications, pharmaceutical industry, laboratories and agriculture. The filters are supplied with a standard connection thread RD40x1/7" according to EN 148-1.

Particle filters

They catch a wide range of solid particles in the form of liquid and solid aerosols such as dust, smoke, fibres, bacteria, viruses and radioactive particles. Certification: EN 143, EN 12941, EN 12942

Gas filters

Provide protection against contaminants in the form of gases and vapours. EN 14387, EN 12941, EN 12942

Combined filters

Provide protection against a combination of contaminants in the form of gases, vapours and solid particles. EN 14387, EN 12941, EN 12942



P3 50 00 48	P								
A2B2E2 50 01 63		A			B	E			
A2P3 50 01 57	P	A							
A2B2P3 50 01 67	P	A			B				
K2P3 50 01 60	P							K	
50 01 64 A2B2E2P3	P	A			B	E			
50 01 68 A2B2E2K2P3	P	A			B	E	K		
50 01 66 A2B2E2K2HGP	P	A			B	E	K		Hg

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