

Respiratory Protection

The Proguard Respiratory masks & filters range are approved for use against the dust, particle, mist, aerosol, fumes & gases in accordance to EN140 & EN136. There are many potential respiratory hazards in the workplace such as dusts & particles from processed materials such as metal, fibreglass and asbestos or condensation such as pesticide spraying. Fumes, gases, smoke and vapours constitute an additional risk, as do airborne micro-organism bacteria, viruses and spores and radioactive particles. Think about the following:

- **Risk** : access the specific risk associated with your workplace such as dust & particles, gas and vapours
- **Hazard concentration** : assess the level of protection required
- **Product selection** : match the right product to the risk-include special features for extra benefit
- **Climate variation** : Exhalation valves help to reduce heat, moisture and CO2 build up and enhance wearer comfort
- **Fit** : Consider which style offer the best look and comfort
- **Integration** : Think about whether the respirator can be integrate with other PPE







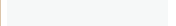
Choosing the right respirator for your workplace

Type	Design	Benefits
Foldable	Packaged individually for maximum hygiene	<ul style="list-style-type: none"> • Soft and flexible • Easy to store
Valve	Valve allow outward dispersion of breath	<ul style="list-style-type: none"> • Removes heat and moisture from the face • maximum ventilation and comfort for users in warm work areas • Not suitable for clean room or food preparation
Disposable	Cost-effective protection against airborne particles	<ul style="list-style-type: none"> • Quick and easy to apply • Portable-ideal for moving between work locations
Gas filters	Filters by absorption	<ul style="list-style-type: none"> • Protects against harmful gases and vapours

According to NIOSH Standard.

Class	Description
N95	Filter at least 95% of airborne particles. Not resistant to oil.
R95	Filter at least 95% of airborne particles. Resistant to oil.
P99	Filter at least 99% of airborne particles. Oil and grease mist proof.
P100	Filter at least 99.97% of airborne particles. Oil and grease mist proof.

Types Of Filter Cartridges (According to EN141)

Colour Code	Filter Type	Application
	A	Organic gases and vapour (boiling point > 65°C)
	B	Inorganic gases and vapour (not CO)
	E	Acid gases
	K	Ammonia
	AX	Organic gases and vapour (boiling point < 65°C)
	Hg	Mercury Vapours
	P3	Hepa, Dust, Fumes & Radioactive

*Find out more about the filter selection on page 170 - 171.





Tie-On Surgical Face Mask

Model :
SFM-3P-T

- Made of soft non-glass high filtration efficiency material.
- Form-fit design which helps to breathe easily.
- Fluid resistant and approved for medical & general-purpose usage.
- 3-ply Surgical mask with tie-on.
- Lightweight, three-layer construction and comfortable to wear.
- Designed to fit a variety of facial shapes and sizes.
- Manufactured according to OSHA guidelines.

Packaging : 50 pcs/box, 20 boxes/carton



Ear Loop Surgical Face Mask

Model :
SFM-3P-EL

- Made of soft non-glass high filtration efficiency material.
- Form-fit design which helps to breathe easily.
- Fluid resistant and approved for medical & general-purpose usage.
- 3-ply Surgical mask with elastic ear-loops.
- Lightweight, three-layer construction and comfortable to wear.
- Designed to fit a variety of facial shapes and sizes.
- Manufactured according to OSHA guidelines.

Packaging : 50 pcs/box, 20 boxes/carton



A610-5B



A610-5Y

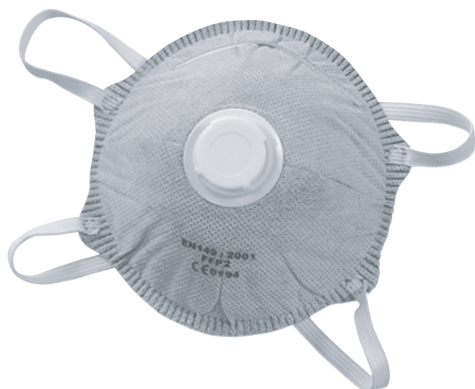
Economic Filter Mask

Model :
Blue: A610-5B
Yellow: A610-5Y

- PE frame covered by polyester filter media.
- Extremely lightweight, comfortable & economical against non-toxic & large dust.
- Available in two various colours; blue & yellow

Packaging : 1pc/playbag, 100pcs/carton

CE EN 149



Active Carbon Valved Particulate Respirator

Model:
HY8626

- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Low breathing resistance for increased wearer comfort. Fringe seal avoids open layer around the edges.
- Latex-free head straps, adjustable nose clip and soft foam nosepiece for comfortable custom fit.
- Exhalation valve reduce hot air buildup and easy breath in hot/humid environments.
- Covered with activated carbon prefilter against nuisance organic vapors below OEL.
- Conforms to European EN149:2001 FFP2 standards with CE 0086 marking. BSI CE Certificate number 70730.

Packaging: 10 pcs/box, 20 boxes/carton

CE EN 149



Particulate Respirator

Model:
F323

- FFP2 rating offer protection from solid and liquid aerosol variants.
- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Polyethylene (PE) outer layer provides smooth lining and avoids loose fibers.
- Fringe seal avoids fluffy open layer around the edges.
- Natural rubber headband for more durability and comfortable fit.
- Contour design to ensure the compatibility of glasses/goggles to reduce fogging.
- Moulded nose piece ensure custom fit and increase the worker comfort and acceptance.
- Comply to EN149

Packaging: 10 pcs/box, 20 boxes/carton

CE EN 149



Valved Particulate Respirator

Model:
F323/V

- FFP2 rating offer protection from solid and liquid aerosol variants.
- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Polyethylene (PE) outer layer provides smooth lining and avoids loose fibers.
- Fringe seal avoids fluffy open layer around the edges.
- Natural rubber headband for more durability and comfortable fit.
- Contour design to ensure the compatibility of glasses/goggles to reduce fogging.
- Moulded nose piece ensure custom fit and increase the worker comfort and acceptance.
- Exhalation valve reduce hot air build up and easy breath in hot/humid environments.
- Comply to EN149

Packaging: 10 pcs/box, 20 boxes/carton

CE EN 149



Valved Particulate Respirator

Model:
F333/V

- With exhalation valve to reduce hot air build up and easier to breath in hot & humid environments.
- FFP3 rating offer protection from solid and liquid aerosol variants.
- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Polyethylene (PE) outer layer provides smooth lining and avoids loose fibers.
- Fringe seal avoids fluffy open layer around the edges.
- Natural rubber headband for more durability and comfortable fit.
- 4-point head strap with deluxe integral elastic adjustment for superior comfort.
- Contour design to ensure the compatibility of glasses/goggles to reduce fogging.
- Half face close-cell foam and adjustable nose-piece ensure custom shape and increase worker comfort and acceptance.
- Comply to EN149

Packaging: 10 pcs/box, 20 boxes/carton



Particulate Respirator

Model :
HY8810/N95

- Low breathing resistance for increased wearer comfort. Fringe seal avoids open layer around the edges.
- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Latex-free synthetic rubber head straps, adjustable nose clip and soft foam nose-piece for comfortable custom fit.
- Conform to American Niosh 42 CFR Part 84 standard as N95 class, with 95% filtration effective against particulate aerosol free of oils.
- Niosh Approval number : HY8810/N95 : TC-84A-4229

Packaging : 20 pcs/box, 20 boxes/carton



Valve Particulate Respirator

Model :
HY8810V/
N95

- Low breathing resistance for increased wearer comfort. Fringe seal avoids open layer around the edges.
- Collapse resistant with double shell construction made to withstand hot and humid conditions.
- Latex-free synthetic rubber head straps, adjustable nose clip and soft foam nose-piece for comfortable custom fit.
- Conform to American Niosh 42 CFR Part 84 standard as N95 class, with 95% filtration effective against particulate aerosol free of oils.
- Valve to reduces air buildup and easy breath.
- Niosh Approval number : HY8810V/N95 : TC-84A-4393

Packaging : 10 pcs/box, 20 boxes/carton



Horizontal Flat-Fold Particulate Respirator

Model :
HY8510/N95

- Low breathing resistance for increased wearer comfort. Soft edges fit different facial shapes with minimum leakage.
- Foldable design, seal edge avoids open layers & eliminates the possibility of irritation.
- Latex-free synthetic rubber head straps, adjustable nose clip and soft foam nose-piece for comfortable custom fit.
- Polypropylene (PP) outer/inner layer provides smooth lining and comfortable feel.
- Conforms to American NIOSH 42 CFR Part 84 standard as N95 class, with 95% filtration effective against particulate aerosol free of oils.
- NIOSH Approval number TC-84A-4276

Packaging : 20 pcs/box, 20 boxes/carton



Particulate Respirator

Model :
1200F/N95

- Low breathing resistance for increased wearer comfort. Fringe seal avoids open layer around the edges.
- With collapse resistant double shell construction made to withstand hot and humid conditions.
- Elastic rubber head straps, adjustable nose clip and soft foam nose-piece for comfortable custom fit.
- Conforms to American NIOSH 42 CFR Part 84 standard as N95 class, with 95% filtration effective against particulate aerosol free of oils.
- NIOSH Approval number TC-84A-5037

Packaging : 20 pcs/box, 20 boxes/carton



Disposable Dust Mask

Model :
DDM-STD

- Made of soft non-irritating woven fiber.
- Aluminium nose-piece can be moulded to individual comfort & seal.
- Contoured shape for extra comfort with large filter area, which allows cool and easy breathing.

Packaging : 50 pcs/box, 20 boxes/carton

CE EN 140



INAIR Twin Filter Silicone Half Mask

Model :
IN-2000S

- High quality silicone for heavy duty usage.
- Lightweight and soft to the face.
- Designed to complement the facial contours for effective protective seal.
- Comfortable head cradle with 2 point adjustable suspension.
- Available with single and twin filter cartridges.
- Comply to EN140

Packaging : 1 pce /box

CE EN 140



INAIR Single Filter Silicone Half Mask

Model :
IN-1000S

- High quality silicone for heavy duty usage.
- Lightweight and soft to the face.
- Designed to complement the facial contours for effective protective seal.
- Comfortable head cradle with 2 point adjustable suspension.
- Available with single and twin filter cartridges.
- Comply to EN140

Packaging : 1 pce /box

CE EN 148



INAIR Full Face Mask

Model :
IN-3000

- Full face mask with wide field of vision.
- EPDM rubber face piece.
- One size fits all type faces.
- Comply to EN 136 (Class2)
- For use dust,gas and combination filters with a threaded connector comply to EN 148/1.

Packaging : 1 unit/box

CE EN 148



INAIR Wide View Full Face Mask

Model :
INDIN-T

- Extra wide view full face mask.
- Neoprene rubber face piece
- One size fits all faces.
- Comply to EN136 (Class 2) with a threaded connector conforms to EN148/1

Packaging : 1 unit/box

CE EN 1827



Mesh Respirator with 20pcs FM P2

Mesh Reusable Respirator

Model : MRP 2000

- FMP2 filter media.
- Orange color mesh for high visibility, light weight
- Reusable mesh, filter media can be interchangeable when it is clogged.
- Valve respirator for ease of breathing and minimized CO2 build up in the breathing zone.
- Crumple resistant mesh and filter media, reusable even taken out from coverall pocket.
- Adjustable elastic headband for each type of head size, giving high wearing comfort.
- Comply to EN1827:1999+A1:2009-FMP2.

Packaging : Box of 20 filters + 1 mesh

CE EN 136



Full Face Mask

Model :
C809

- Full face mask with wide field of vision.
- EPDM rubber face piece.
- One size fits all type of faces.
- Comply with EN 136 (Class2)
- For use dust,gas and combination filters with a threaded connector comply to EN 148/1.

Packaging : 1 unit/box



INAIR Replacement Filters

- To be use with INAIR's IN-1000 & IN-2000 Facepiece against variety of gases,vapors and particulate hazards.
- Complies with EN141.

CE EN 141



IN-1-A1



IN-1-B1



IN-1-E1



IN-2-K1



IN-2-A1P3



IN-2-B1P3



IN-2-A1B1E1K1



IN-2-A1B1E1K1P3

Product	Application	Packing
IN-1-A1	Class 1 Organic Gases & Vapours	1 pc
IN-1-B1	Class 1 Inorganic Gases & Vapours	1 pc
IN-1-E1	Class 1 Acid Gases	1 pc
IN-2-K1	Class 1 Ammonia Gases	1 pc
IN-2-A1P3	Class 1 Organic Gases & Vapours + Particulate filter	1 pc
IN-2-B1P3	Class 1 Inorganic Gases & Vapours + Particulate filter	1 pc
IN-2-A1B1E1K1	Class 1 Organic & Inorganic Gases & Vapours, Acid Gases,Ammonia Gases	1 pc
IN-2-A1B1E1K1P3	Class 1 Organic & Inorganic Gases & Vapours, Acid Gases,Ammonia Gases + Particulate filter	1 pc

Packaging: 1 pce/polybag



INAIR Replacement Filters

The service time of respiratory filters depends on the conditions of use. For gas or combination filters that are used against gases, the end of a filter's service life usually can be detected by odour, taste or irritation during inhalation. For particle filters or combination filters that are used against particles, the end of service time can be detected by an increase in inhalation resistance.

- With combination filters, depending on the predominant protective function—both criteria must be observed. Particle filters must only be used once against radioactive contaminants, spores, bacteria and virus.
- Canister are made of ABS.
 - Filters conform to EN141 & EN143
 - Thread conforms to EN148



INCA20-A2



INCA20-B2



INCA20-E2



INPL20-P3



INCA30-A2P3



INCA30-AXP3



INCA30-A2B2



INCA30-A2B2P3



INCA30-ABEK2



INCA30-ABEK2P3



INCA30-ABEK2HgP3

Product	Application	Packing
INCA20-A2	Class 2 Organic Gases & Vapours (Boiling point above 65°)	1 pc/box
INCA20-B2	Class 2 Inorganic Gases & Vapors	1 pc/box
INCA20-E2	Class 2 Sulphur Dioxide, Acid Gases & Vapor	1 pc/box
INPL20-P3	Particulate HEPA Dust, Fumes, Mists & Radioactive	1 pc/box
INCA30-A2P3	Class 2 Organic Gases & Vapors + Particulate Hepa filter	1 pc/box
INCA30-AXP3	Organic Gases & Vapours (Boiling point below 65°) + Particulate Hepa filter	1 pc/box
INCA30-A2B2	Class 2 Organic / Inorganic Gases & Vapors	1 pc/box
INCA30-A2B2P3	Class 2 Organic/Inorganic Gases & Vapors + Particulate Hepa filter	1 pc/box
INCA30-ABEK2	Class 2 Combination Filter	1 pc/box
INCA30-ABEK2P3	Class 2 Combination Filter + Particulate Hepa filter	1 pc/box
INCA30-ABEK2HgP3	Class 2 Organic & Inorganic Gases & Vapors, Acid Gases, Ammonia Gases, Mercury + Particulate Hepa filter	1 pc/box

CE EN 140



Proguard Twin Cartridge Half Mask

Model : PHM8000

- Ergonomically design mask body, made from TPE material, light weight, easy to use and maintain.
- Good fit unto most Asian face contours, giving good seal and high level of breathing protection.
- Head cradle contoured according to skull, giving good hold and wearing comfort.
- Adjustable elastic band gives even support and distribution of weight.
- Half Face Mask approved to BS EN 140:1999, certified by Sirim QAS.

Proguard Filters

CE EN 14387



PMF1001



PMF1002



PMF1003



PMF1004



PMF1005



PMF1006

Information about protection levels gas filters (gas, vapour)

Part Number	Filter Type	Application	Packaging
PMF1001	A1	Class 1 Organic Gases & Vapours	1 pair/polybag
PMF1002	A1P2R	Class 1 Organic Gases + Particulate filter	1 pair/polybag
PMF1003	B1	Class 1 Inorganic Gases & Vapours	1 pair/polybag
PMF1004	E1	Class 1 Acid Gases	1 pair/polybag
PMF1005	K1	Class 1 Ammonia Gases	1 pair/polybag
PMF1006	ABEK1	Combination of class 1 multigas filter	1 pair/polybag
PMF1007	ABEK1P2R	Combination of class 1 multigas Particle Filter	1 pair/polybag



PMF1007

*All filters above comply to BS EN 14387:2004 + A1:2008, certified by Sirim QAS



Half Mask Respirator

Model :
GM-306Y

- Double cartridge half mask with soft durable face piece.
- With adjustable elastic strap for comfortable seal.
- Deep chin cup for more roomy, comfortable inhaling & exhaling.

Packaging : 1 pc/packing , 40 pcs/carton



Half Mask Respirator

Model :
GM-305Y

- Single cartridge half mask with soft durable face piece.
- With adjustable elastic strap for comfortable seal.
- Deep chin cup for more roomy, comfortable inhaling & exhaling.

Packaging : 1 pc/packing , 40 pcs/carton



RC-201



RC-202



RC-203

Replacement Cartridge GM305Y & GM306Y

Model : RC-201 / RC-202 /
RC-203

Replacement Dust Cartridge RC-201

- Replacement cartridge suitable for protection against nuisance mist, large & non-toxic dust & pollen.

Packaging : 6 pcs/box, 50 boxes/carton

Replacement Dust Cartridge RC-202

- Replacement cartridge suitable for protection against organic vapors, mist, fumes of low toxicity.

Packaging : 6 pcs/box, 50 boxes/carton

Replacement Dust Cartridge RC-203

- Replacement cartridge suitable for protection against organic vapors, mist, fumes of low toxicity & paint spray.

Packaging : 6 pcs/box, 50 boxes/carton



3M Single Cartridge Half Facepiece Respirators 3000 Series

Model :
3M-3200

- These single cartridge half facepiece respirator are lightweight & cradle head harness increase comfort.
- Ideal for spray painting, chemical spraying, coating fumigation, degreasing, cleaning & etc
- Comply to JKKP MR46/98

Packaging : 1 pc/box, 20 bag/carton



3M Half Facepiece Respirators

Model :
3M-6200

- Lightweight & low-maintenance design for maximum comfort.
- These half facepiece respirators offers quality breathing protection at an exceptional price.
- Comply to JKKP MR52/99

Packaging : 1 pc/bag, 24 bag/carton

CE EN 137



Dräger PSS® 3000 Self Contained Breathing Apparatus

Model : PSS3000

- The Dräger PSS® 3000 is a new generation of high performance breathing apparatus for breathing air protection.
- Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are key essentials.
- Lightweight yet robust, and easy to don, this advanced breathing apparatus provides the ultimate in breathing protection.
- The Dräger PSS® 3000 utilizes modern materials that have good chemical and abrasion resistance and also meeting the heat and flame requirements of EN 137:2006 (Type 2)

3M Replacement Cartridges 6000 Series

To be use with 3M Facepieces 6000 Series bayonet cartridge against a variety of gases,vapors and particulate hazards according to NIOSH approvals.



3M Organic Vapors Cartridge

Model : 6001

- NIOSH approved cartridge against certain organic vapors.

Packaging : 2pcs /pkt, 30 pkt/carton



3M Acid Gas Cartridge

Model : 6002

- NIOSH approved cartridge against certain acid gases.

Packaging : 2pcs /pkt, 30 pkt/carton



3M Organic Vapor/Acid Gas Cartridge

Model : 6003

- NIOSH approved cartridge against certain organic vapors or acid gases.

Packaging : 2pcs /pkt, 30 pkt/carton



3M Ammonia Methylamine Cartridge

Model : 6004

- NIOSH approved cartridge against ammonia and methylamine.

Packaging : 2pcs /pkt, 30 pkt/carton



3M™ Formaldehyde/Organic Vapor Cartridge

Model : 6005

- NIOSH approved cartridge against formaldehyde and certain organic vapors.

Packaging : 2pcs /pkt, 30 pkt/carton



3M Multi Gas/Vapor Cartridge

Model : 6006

- NIOSH approved cartridge against certain organic vapors, acid gases, ammonia, methylamine or formaldehyde.

Packaging : 2pcs /pkt, 30 pkt/carton



3M Particulate Filter

Model : 5N11,N95

- NIOSH approved filters for environments containing certain non-oil based particles.To be use with 3M Cartridges 6000 Series and 3M Filter Retainers 501.

Packaging : 10pcs /pkt, 10 boxes/carton



3M Filter Retainer

Model : 501

- Used to hold 3M Particulate Filters 5N11 in place on top of Respirators 6000 Series and Cartridges 6000 Series.

Packaging : 20pcs /pkt, 10 boxes/carton



3M Particulate filter

Model : 2071

- NIOSH approved filters for environments containing certain oil & non-oil based particles.To be use with 3M Cartridges 6000 Series and 3M Filter Retainers 501.

Packaging : 2 pcs /pkt, 50 boxes/carton



3M Organic Vapor Cartridge

Model : 3M-3011K-55

- NIOSH approved cartridge against certain organic vapors.
- To be use with 3M Respirators 3000 Series.

Packaging : 1 pcs /pkt, 10 pkt/carton