# Datasheet FFP3 Particulate Respirator

### Description

The FFP3 Particulate Respirator FFP3 Series provide effective respiratory protection for use in industries where workers will be exposed to dust particles and/or non-volatile liquid particles.

- Tested and CE Approved to EN 149:2001+A1:2009
- Foldable, easy to store, proprietary 3-panel design accommodates facial movement for wearer comfort
- Low breathing resistance filter technology gives effective filtration with low breathing resistance for consistent high quality performance
- Sculpted nose panel conforms to the nose and contours of the face and helps improve compatibility with eyewear
- Innovative chin tab designed for ease of donning and adjustment to help achieve a comfortable fit
- FFP3 exhalation valve offers improved comfort in hot humid environments and/or where work is hard and physical\*
- Embossed top panel helps reduce fogging of eyewear
- Individual hygienic packaging helps protect the respirator from contamination before use
- Large, soft nose foam is comfortable on the skin

# Approvals

These products meet the requirements of the European Community Directive 89/686/EEC (Personal Protective Equipment Directive) and are thus CE marked.

#### **Standards**

These products meet the requirements of recently amended European Standard EN 149:2001 + A1:2009, filtering facepiece respirators for use against particles. They should be used to protect the wearer from solid and non-volatile liquid particles only.

Products are classified by filtering efficiency and maximum total inward leakage performance, also by usability and clogging resistance.

Performance tests in this standard include filter penetration; extended exposure (loading) test; flammability; breathing resistance and total inward leakage. Reusable products are also subjected to cleaning, storage and mandatory clogging resistance tests (clogging is optional for non reusable products). A full copy of EN 149:2001+A1:2009 can be purchased from your national standards body.



FFP3 WITHOUT VALVE

Painting, Varnishing, Spraying, Coating, Mixing  Solvent-Based - brush / roller / spray applied  Wood Preservatives Powder Coating  Rust, most Metals, Filler, Concrete, Stone Stripping, Grinding, Cutting, Drilling Paints, Varnish, Anti-rust coating  Stainless Steel, Anti-fouling varnish Resins, Reinforced plastics (carbon / glass fibre)  Construction / Maintenance  Allergens / Boldering  Metal working / Foundries  Electro-plating  Cleaning / Waste Removal  Allergens / Biohazards  Allergens / Biohazards  Agriculture / Forestry  Feeding ivestock, Cleanings, Harvesting  Agenticidate, Inspecticidate, In	Functions		FFP3
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Foundries  Electro-plating  Finishing, Slotting, Drilling, Riveting, Machining  Oxyacetylene cutting  Molten metal handling, Smelting  Disinfection, Cleaning  Waste Removal  Asbestos handling  Asbestos removal  Allergens/ Biohazards  Pollen, Animal dander  Mould/Fungus, Bacteria**, Viruses  **Tuberculosis  Diesel exhaust / Smoke  Agriculture / Forestry  Agriculture / Forestry  Electro-plating  Oxyacetylene cutting, Machining  Asherting, Machining  Noulting  Pollening infection, Cleaning  Noulting  Pollening infected animals, Viruses  **Tuberculosis  Diesel exhaust / Smoke  Handling infected animals, Culling  Feeding livestock, Cleaning sheds / harvesters  Strawchopping, Composting, Harvesting		Spray foam, Loft Insulation	•
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Cleaning/ Waste Removal  Disinfection, Cleaning  Waste removal  Asbestos handling  Asbestos removal  Pollen, Animal dander  Mould/Fungus, Bacteria**, Viruses  **Tuberculosis  Diesel exhaust/Smoke  Agriculture / Forestry  Handling infected animals, Culling Feeding livestock, Cleaning sheds/harvesters  Strawchopping, Composting, Harvesting		Oxyacetylene cutting	•
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Forestry  Feeding livestock, Cleaning sheds / harvesters  Strawchopping, Composting, Harvesting  •		Diesel exhaust/Smoke	
Feeding livestock, Cleaning sheds / harvesters  Strawchopping, Composting, Harvesting  •		Handling infected animals, Culling	•
		Feeding livestock, Cleaning sheds / harvesters	•
Posticidas Insecticidas (avan apraviras)		Strawchopping, Composting, Harvesting	•
resticues, insecucioes (crop spraying)		Pesticides, Insecticides (crop spraying)	•
Mining / Tunnelling, Drilling, Excavation	Mining / Quarrying	Tunnelling, Drilling, Grinding, Excavation	•
Pumping, Dredging, Washing		Pumping, Dredging, Washing	•
Cutting, Sawing •		Cutting, Sawing	•
Changing Filters •		Changing Filters	•
Other Inks, Dyes, Solvents, Chemicals	Other Industrial Applications	Inks, Dyes, Solvents, Chemicals	•
Danielana d A delitira a / Chanainala		Powdered Additives/Chemicals	•
Pharmaceuticals •		Pharmaceuticals	•
Rubber/Plastics processing •		Rubber/Plastics processing	•
Oil and Gas Extraction / Processing		Oil and Gas Extraction / Processing	•
Pottery, Ceramics •		Pottery, Ceramics	•
Wood/PaperMills •		Wood/Paper Mills	•

#### **Materials**

The following materials are used in the production of the FFP3 Particulate Respirator FFP3 Series:

• Strap	Polyisoprene
<ul> <li>Staples</li> </ul>	Steel
Nose Foam	Polyurethane
Nose Clip	Aluminium
• Filter	Polyproylene
<ul> <li>Valve*</li> </ul>	Polyproylene
<ul> <li>Valve diaphragm*</li> </ul>	Polyisoprene

# **Fitting Instructions**

See Figure 1.

Before fitting device, ensure hands are clean. All respirator components should be inspected for damage prior to each use.

- With reverse side up and using the tab, separate top and bottom panels to form a cup shape. Bend slightly at centre of the noseclip.
- 2. Ensure both panels are fully unfolded.
- Cup respirator in one hand with open side towards face. Take both straps in other hand. Hold respirator under chin, with nosepiece up, and pull straps over head.
- 4. Locate the upper strap across the crown of the head and the lower strap below the ears. Straps must not be twisted. Adjust top and bottom panels for a comfortable fit, ensuring panels and chin tab are not folded in.
- 5. Using both hands, mould noseclip to the shape of the lower part of the nose to ensure a close fit and good seal. Pinching the noseclip using only one hand may result in less effective respirator performance.
- The seal of the respirator on the face should be fit-checked before entering the workplace.

#### Fit Check

- 1. Cover the front of the respirator with both hands being careful not to disturb the fit of the respirator.
- (a) UNVALVED respirator EXHALE sharply;(b) VALVED respirator INHALE sharply.
- 3. If air leaks around the nose, re-adjust the noseclip to eliminate leakage. Repeat the above fit check.
- If air leaks at the respirator edges, work the straps back along the sides of the head to eliminate leakage. Repeat the above fit check.

If you CANNOT achieve a proper fit DO NOT enter the hazardous area. See your supervisor.

## Storage and Transportation

The FFP3 Particulate Respirators FFP3 Series have a shelf life of 5 years. End of shelf life is marked on the product packaging. Product should be stored in clean, dry conditions within the temperature range: – 10°C to + 25°C with a maximum relative humidity of <80%. When storing or transporting this product use original packaging provided.

## **Disposal**

Contaminated products should be disposed as hazardous waste in accordance with national regulations.

# ▲Warnings and Use Limitations

- Always be sure that the complete product is:
  - Suitable for the application;
  - Fitted correctly;
  - Worn during all periods of exposure;
  - Replaced when necessary.
- Proper selection, training, use and appropriate maintenance are essential in order for the product to help protect the wearer from certain airborne contaminants.
- Failure to follow all instructions on the use of these respiratory
  protection products and/or failure to properly wear the
  complete product during all periods of exposure may adversely
  affect the wearer's health, lead to severe or life threatening
  illness or permanent disability.
- For suitability and proper use follow local regulations, refer to all information supplied or contact a safety professional/ representative.

- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.
- These products do not contain components made from natural rubber latex.
- These products do not protect against gases/vapours.
- Do not use in atmospheres containing less than 19.5% oxygen.
   ( definition. Individual countries may apply their own limits on oxygen deficiency.
  - Seek advice if in doubt).
- Do not use for respiratory protection against atmospheric contaminants/concentrations which are unknown or immediately dangerous to life and health (IDLH).
- Do not use with beards or other facial hair that may inhibit contact between the face and the product thus preventing a good seal.
- Leave the contaminated area immediately if:
  - a) Breathing becomes difficult.
  - b) Dizziness or other distress occurs.
- Discard and replace the respirator if it becomes damaged, breathing resistance becomes excessive or at the end of the shift
- Do not alter, modify, clean or repair this respirator.

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