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Airflow PRO
PROTECTING EVERY BREATH

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TECHNICAL DATA SHEET

AIRFLOW PRO MASK

Positive Pressure Full Facemask

Standards: EN 136 Class 3, EN 137:2006 Type 2



Product Introduction:

- The face mask visor is multi curvature and made of a scratch & impact resistant polycarbonate material with a flame retardant coating and provides excellent panoramic vision.
- The visor does not mist due to a well-thought-out air circulation and is available with double anti-fogging coatings.
- The mask is available with a five-point fully adjustable Kevlar net style harness.
- The face masks are designed for use under positive pressure & have a silicone rubber outer mask with reflex seal and an ori-nasal inner mask.

Features:

- Unique airflow prevents lens fogging and reduces breathing resistance
- Wide distortion-free field of vision (more than 90% of the natural field of vision)
- Designed specifically for use by the Professional Fire Service and Industrial Market
- Simple to service and maintain
- Excellent communication due to voice transmission through speech diaphragm
- The ergonomic head harness and the double sealing line ensure a secure and comfortable fit on all face shapes and contours
- The head harness of the Udyogi Airflow Pro also ensures that the mask can be donned and doffed easily and quickly
- Optimal adjustment to different face shapes, thanks to large, elastic mask body
- All components easily accessible and interchangeable for easy maintenance and cleaning
- The Helmet-Mask Combination adapter allows easy fitting of the mask to your fire helmet. It is effortless, safe and with minimum pressure points felt on the face.

Benefits:

- **Coating :** Anti-fog coating (inside) and anti-scratch coating (outside)
- **Ergonomically shaped mask body :** Material: Silicone
- **Size :** One size fits all
- **Enhanced Hygiene:** Easy to clean & disinfect
- **Robust construction:** Complies with even the strictest standards (e.g. fl ame engulf-ment > 950 °C)
- **Secure and comfortable fit:** The mask comes in highly chemically resistant Head harness that is designed to be donned and doffed quickly and easily
- **Fast, simple repair and maintenance:** Thanks to simple assembly and disassembly of individual parts
- **Three-dimensional, curved polycarbonate visor:** Wide, almost natural field of vision

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Product Specifications:

Mask body	: Convenient, hypoallergenic & flexible silicone (dermatologically tested)
Headharness	: 5 point net head harness in Kevlar material
Size	: One size fit all
Inhalation Resistance	: ≤5 bar
Exhalation Resistance	: ≤10 bar
Visor	: Polycarbonate with silicone coating
Connector	: Push In connector
Weight	: Approx. 511 g
Approvals	: EN 136 Class 3, EN 137:2006 Type 2



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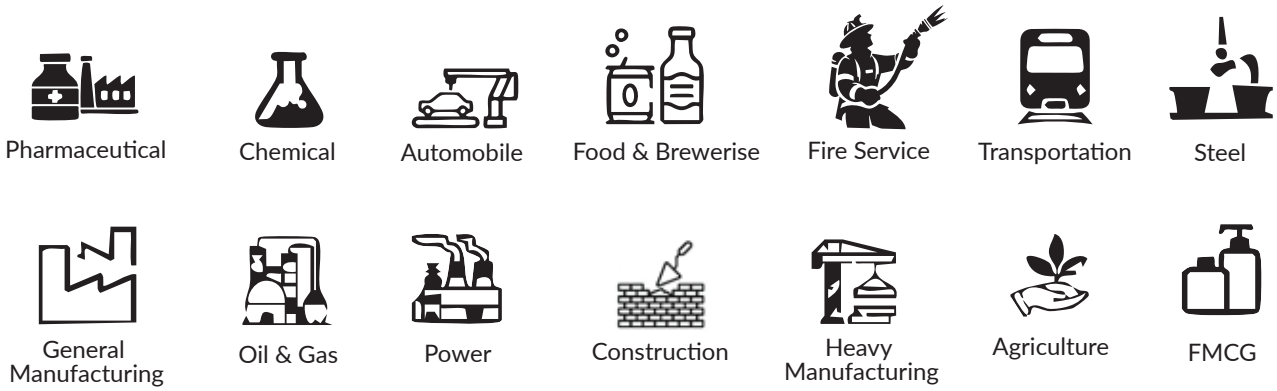
Applications :

The AIRFLOW PRO MASK is specifically designed for use with the Udyogi Airflow Pro range of breathing apparatus from the Professional Firefighting SCBA and Industrial range of uses. In conjunction with Udyogi Airflow Pro breathing apparatus, it is suitable for providing respiratory protection for an Immediately Dangerous to Life or Health (IDLH) environment.

Markets:

These SCBA Positive Pressure Full Facemasks are utilized for their protective and practical features in various industries, such as



Safety Instructions :

- The mask as part of a respiratory protective device ensures an appropriately tight fit of the user's face against the ambient atmosphere.
- Cleaning should only be carried out as specified in the user instructions. Use a lukewarm water & mild detergent (neutral pH 6-8). Do not use solvents (like turpentine, acetone), hot water or bleaching agents (like Perborate, Percarbonate).
- Maintenance and servicing must only be performed by trained personnel following the procedures in the service and maintenance manual.
- Users need to be trained in the safe operation of this equipment.
- Routine checks must be carried out in accordance with the user instructions.

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Usage Instructions :

- Spread the harness with both hands.
- Position the chin into the chin cup.
- Pull the head straps over your head.
- Ensure that the harness is sitting correctly and is not twisted.
- Adjust mask and tighten the straps firmly and evenly.
- Tighten the lower straps first by pulling them straight back, not out.
- Tighten the temple straps in the same manner.
- If present, tighten the top strap for best visibility and fit.

Removing the Mask:

- Loosen the head harness by pulling the buckles forward using your fingers.
- Grip the chin straps and pull the head harness forward over the head.
- Grip the front of the mask and pull the mask away and down from the user.

Leak Check:

In order to check the mask-to-face tightness a leak test must be performed before each use.

- Seal the inlet (component housing) with the palm of your hand or by attaching the non-pressurized regulator.
- Inhale and hold breath for a few seconds.
- The mask must stay collapsed on face.
- The exhalation valve should open and release the pressure inside the mask.
- If the leak check fails, re-don the mask. If the leak check still fails, the mask must not be used.

Storage:

- To ensure a long life for rubber components, keep them in a cool, dry place that is protected from ultraviolet radiation.
- The Full Face Mask should be protected from direct sunlight, grease and oil. The store should be dry and cool. The components should not be more than 5 years old.
- Storage of respirator: -10°C...+50°C, and relative humidity (RH) under 75%.

Disposal:

As the face pieces are subject to dirt, dusts and liquids etc, they cannot be recycled. If the product is to be disposed of, it should be dismantled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.

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