

TECHNICAL DATASHEET

Product Description

The YOU-M1 respiratory protection mask without valve provide effective respiratory protection for the wearer from solid and non-vaporizable liquid particles. The YOU-M1 can reduce the contamination of the environment by exhaled microorganisms and can be used to protect against infections.

- Tested and CE Approved to EN 149:2001+ A1:2009
- Traditional folding mask
- With nose clip for perfect fit,
- ear loop design,
- comfortable to wear
- Filters 95% of harmful dust, fog or smoke are filtered out. Filter for fine dust, particles (aerosols and tiny droplets)
- YOUR MASK Filter Material gives effective filtration with low breathing resistance for consistent high quality performance.

Materials :

Outer Layer	: Spunbound
Filter Layer 1	: Polypropylene (Meltblown)
Filter Layer 1	: Hot Cotton
Inner Layer	: Spunbound
Ear straps	: Polyester (no Latex)
Nose Clip	: wire covered with PE

These products do not contain components made from natural rubber latex.

Maximum mass of products = 7g

Approvals

The YOU-M1 respiratory protection mask meets the requirements of the European Community Directive DIN EN 149:2001+A1:2009 (Personal Protective Equipment Directive) and are CE marked.

The YOU-M1 Certification under Article 10, EC Type-Examination, has been issued for this product by UNIVERSAL CERTIFICATION, (Notified Body number 2163).

Certification under Article11, EC quality control, is under supervision by UNIVERSAL CERTIFICATION. (Modul C2)

Standards

This products meets 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-vaporizable liquid particles only.

Classified by filtering efficiency and maximum total inward leakage performance (FFP2), also by Usability. Performance tests in this standard include filter penetration;extended exposure (loading) test; flammability; breathing resistance and total inward leakage. A full copy of EN 149:2001+ A1:2009 can be purchased from your national standards body.

Designations:

NR = Non reusable (single shift use only)

Applications

The respirator YOU-M1 is suitable for use in concentration of solid and non-vaporizable liquid particles up to the following limits:

Model:	EN 149+ A1 Classification	Exhalation Valve
YOU-M1	FFP2 NR	Unvalved

Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to hazards.

TECHNICAL DATASHEET

Storage and Transportation

The YOU-M1 respiratory protection mask have a shelf life of 3 years. Date of production is marked on the product packaging. Before initial use, always check that the product is within the stated shelf life. Product should be stored in clean, dry conditions within the temperature range: – 20°C to + 50°C with a maximum relative humidity of <80%. Use original packaging for storing or transporting.

Disposal Notice

Contaminated or used products should be disposed as in accordance with national regulations.

Warnings and Limitations

- Respiratory protection can only be effective if:
 - it is properly adjusted and worn throughout the entire duration of the hazard.
- Do not use the respiratory protection in an environment where metal can cause a hazard because the nose clip contains metal.
- Leave the danger zone immediately if:
 - the quality of the air you breathe is poor,
 - if the concentration of contamination is immediately harmful to health or life,
 - if breathing becomes difficult,
 - pain or dizziness occurs,
 - you taste or smell contaminants or irritation occurs.
- Remove and replace the respiratory protection if it has been contaminated with blood or other infectious materials, if it has been damaged or at the end of your activity.
- The product is only intended to be worn for one wearing period not more than 8 h.
- Failure to follow the instructions and warnings may reduce the effectiveness of YOU-M1.

- 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.
- This product cannot eliminate the risk of infection or contamination. The mask must not be modified or repaired.
- The product does not protect the user from gases or vapours. The product does not provide oxygen. Use YOU-M1 only in adequately ventilated areas and not if the oxygen content is less than 19.%.
- For suitability and proper use follow local regulations and refer to all information supplied.
- Before use, the wearer must be trained in use of the complete product in accordance with applicable Health and Safety standards/guidance.
- 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.
- Do not modify, alter, clean or repair the YOU-M1 respirator.
- Before initial use, always check that the product is within the stated shelf life (use by date).

For more information contact a safety professional from YOUR MASK.

Please regard the INSTRUCTION FOR USE

TECHNICAL DATASHEET

TESTING ACCORDING TO EN 149:2001+A1:2009

Total inward leakage

Ten test subjects perform a variety of exercises. During the exercises the amount of test aerosol that penetrates the filter, face seal and valve are sampled. The total inward leakage of 8 out of 10 test subjects shall not exceed the following levels:

Class	max. total inward leakage
FFP2	max. 8 %

Paraffin oil penetration

The filter penetration after loading the filter with 120 mg paraffin oil according to DIN EN149:2001+ A1:2009 shall not exceed the following levels:

Class	max. Filter penetration
FFP2	max. 6 %

Flammability

4 respirators are passed through a 800°C (+/- 50°C) flame with a speed of 6 cm / s. After passing through the flame the respirator has to self-extinguish.

Breathing Resistance

The breathing resistance produced by the filter of the respirator is tested at an airflow of 95 l/min and 160 l/min.

	max. breathing resistance according to EN 149	
	95 l / min	160 l / min
FFP2	2,4 mbar	3,0 mbar



- (1) Unfold the mask, preform the nose clip by bending it slightly and put the mask on the bottom of the chin.
- (2) Now pull the elastic bands over the ears. Adjust the mask so that it fits comfortably on the face.
- (3) Use both hands to adjust the nose clip to the shape of your nose.
- (4) Before using the mask in the workplace, a leakage-check* should be carried out. Facial hair in the area of the sealing edge may prevent the mask from fitting properly.
- (5) To remove the mask, grab the ear bands and dispose of it properly according to local regulations.

*Carefully place both hands over the mask. Breathe strong. If air escapes in the nasal area, the nasal clip is adapt. If there is leakage at the edge of the mask, the seat and the harness is to correct.

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TECHNICAL DATASHEET

Disclaimer of liability

The information in this document was created to the best of our knowledge. YOUR MASK GmbH reserves the right to revise this information and values. Furthermore, YOUR MASK does not guarantee completeness or completeness correctness of the content of this information. The described product corresponds to listed technical standard. Uses that are not in line with previously given Information and values above are entirely at your own risk.

In addition to complying with the information listed above, the user of the product described above is also responsible for compliance with all of them responsible for other generally applicable safety regulations and guidelines. He also has the PPE independently in accordance with the respective requirements of his workplace according to the type of hazard and the relevant environmental conditions to select.

YOUR MASK is in no way responsible for improper use of the product and the associated effects that are beyond the control of YOUR MASK.