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## EU DECLARATION OF CONFORMITY

1. Personal protective equipment **X 100V FFP1 R D**
2. Manufacturer's name and address:  
**Oxyline Sp. z o.o., ul. Piłsudskiego 23, 95-200 Pabianice, POLAND**
3. This declaration of conformity is issued under the sole responsibility of the manufacturer:  
**Oxyline Sp. z o.o., ul. Piłsudskiego 23, 95-200 Pabianice, POLAND**
4. Object of the declaration is the filtering half-mask **X 100V FFP1 R D** to protect the respiratory system against particles.
5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation: **Regulation (EU) 2016/425 of the European Parliament and of the Council of March 9, 2016. on personal protective equipment and repealing Council Directive 89/686 / EEC.**
6. Filtering half-mask X 100V FFP1 R D meets the requirements of the harmonized standard **EN 149: 2001 + A1: 2009** and meets the requirements of §221 of the Regulation of the Minister of Energy of November 23, 2016 on detailed requirements regarding the operation of underground mining plants: "It is unacceptable to use personal protective equipment as well as work clothing and footwear in an explosive atmosphere that may: 1) be a source of an electric spark or arc caused by static electricity or impact, 2) cause the ignition of an explosive mixture" ( Journal of Laws of 2017, item 1118)
7. Notified body **Central Institute for Labor Protection - National Research Institute, ul. Czerniakowska 16, 00-701 Warsaw** - No. 1437 conducted the EU test (module B) and issued EU type examination certificate No. **UE / 199/2019/1437**
8. Where appropriate, PPE is subject to a type-conformity assessment procedure based on quality assurance of the production process (module C2), under the supervision of notified bodies **Central Institute for Labor Protection-National Research Institute, ul. Czerniakowska 16, 00-701 Warsaw** - No. 1437

Signed : **Oxyline Sp. z o.o.**

**Pabianice 31 July 2019**

  
**Arkadiusz Dziebowski**  
**President**

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## Data sheet

### Filtering half mask: **X 100 V FFP1 R D**

Certificate: UE/199/2019/1437

Date of issue: 31 July 2019

Catalogue number: X 100 V FFP1 R D

CE 1437



#### PURPOSE:

The X 100 V FFP1 R D respirator is designed to protect the respiratory system against aerosols of solid particles, water-based aerosols (dust, smoke) and aerosols with liquid dispersed phase (mists), provided that the concentration of the dispersed phase does not exceed

4 x OEL (Occupational Exposure Limit).

4 x NPF (Nominal Protection Factor),

4 x APF (Assigned Protection Factor).

#### EXAMPLES OF APPLICATION:

The respirator X 100 V FFP1 R D can be used in agriculture, food industry, non-toxic dusts, quarries and cement plants, softwood processing (coniferous) and in particular for dusts like calcium carbonate, natural and synthetic graphite, gypsum, chalk, cement, plaster, marble, zinc oxide, pollen, cellulose, sulphur, cotton, metallic file dust, coal dust, coal dust with free silica content less than 10%.

#### HOW IT WORKS:

The filtering half mask is composed mostly of the face part made of filtering material and accessories such as headbands, or exhalation valve, depending on the model. When air is drawn in, it passes through the filtration material where it is cleansed before being inhaled. Exhaled air passes through filtration material (in the masks without a valve) or through both the exhalation valve and the filtration material (in models with a valve). The cup of the mask should be well adjusted to the user's face.

#### DESCRIPTION:

The filtering half mask X 100 V FFP1 R D is composed of the following elements:

- A multi-layered filtration material: polypropylene
- A nose clip to shape the half mask at the nose
- Exhalation valve made of plastic
- Head bands made of braided rubber thread
- Nose seal made of polyurethane foam

The half mask is designed in such a way as to enable easy breathing throughout the work shift. The anatomical shape and the nose clip, as well as the internal sealing foam, make the half mask easy to fit to most face shapes, so that the necessary tightness can be ensured.

#### REQUIREMENTS:

OXYLINE half masks comply with the following:

- harmonised European standard EN 149:2001+A1: 2009 "Respiratory protective devices - Filtering half masks to protect against particles. Requirements, testing, marking";
- in conformity with the relevant Union harmonisation legislation: Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance).

## CONTRAINDICATIONS

It does not ensure protection of the respiratory system if there is a lack of oxygen (below 17%). It should not be used in spaces with limited cubic volume, in particular non-ventilated spaces, such as sewers, wells, tanks, etc. The half mask does not provide protection against pollution in the form of gas fumes or mists of substances that are harmful to human health and hazardous to life. Do not use the half mask if the type, characteristics and concentration of the harmful substances are unknown. Do not use the half mask when extinguishing fires. The half mask does not ensure tightness if worn on an unshaven or bearded face.

## FUNCTIONAL PARAMETERS OF THE HALF MASK X 100 V FFP1 R D

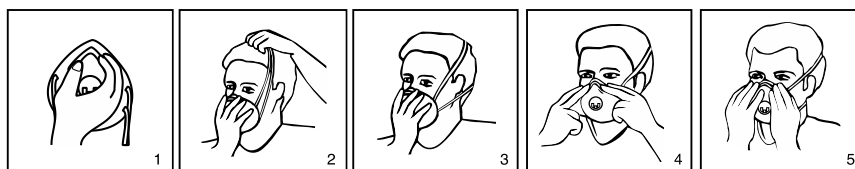
|  |                        |          |
|--|------------------------|----------|
| Class (according to EN 149:2001+A1: 2009)  |                        | FFP1     |
| Penetration of filtering material by sodium chloride aerosol or oil mist           |                        | ≤ 20%    |
| Total leakage  |                        | ≤ 22%    |
| Initial inhalation resistance at a flow of 95 l/min                                |                        | ≤ 210 Pa |
| Initial exhalation resistance 160 l/min  |                        | ≤ 300 Pa |
| Breathing resistance at the end of clogging test with dolomite dust, at a flow of: | 95 l/min (inhalation)  | ≤ 400 Pa |
|  | 160 l/min (exhalation) | ≤ 300 Pa |

## USE AND STORAGE

The half masks should be stored at a temperature of -30°C to +50°C and humidity below 70%.

Before the half mask is used, its technical condition should be checked, i.e. whether the elements are not damaged. Damaged or expired half masks must not be used. The half mask should not be folded or bent. In order to ensure the best possible fit on the face, the half masks should be put on and adjusted in the following manner:

1. Before putting on the half mask, form the nose clip by tightening,
2. Place the mask over the face to cover the mouth and the nose;
3. Put the head bands on in such a way as to make the lower band pass around the nape of the neck below the ear, and the upper band pass around the back of the head above the ear; the length of upper and lower band can be adjusted;
4. Further adjust the nose clip to ensure tightness
5. Check that you have the correct mounting. Press your hands and hold the dome of the mask. Exhale energetically; if there is any looseness adjust the position of the dome, the nose clamp or headbands.
6. Shelf life 60 months. The expiry date on the product.



After each use, the mask should be disinfected. This can be done by spraying the mask with liquid designed for disinfecting filtration half masks (1-2 sprays) or cleaning the inside of the half mask with a cloth soaked with pure ethyl alcohol. The half mask can only be used again by the same user. The disinfected half mask must be stored according to storage guidelines. A half mask can be used for longer than eight hours by the same user, provided it hasn't been broken and that it has been disinfected. Over time, breathing resistance in the mask will increase due to the settling of dust. If resistance has grown significantly, the mask should be replaced by a new one.

Notified body Central Institute for Labor Protection - National Research Institute, ul. Czerniakowska 16, 00-701 Warsaw, - No. 1437.

Data sheet. 30.07.2021.

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