

Certificate

of EU type-examination No. UE/170/2019/1437, edition 1

Name of the product:

Filtering half mask

Type (varieties):

X 310 SV FFP3 R D

X 320 SV FFP3 R D

Name and address of the manufacturer:

OXYLINE Sp. z o.o.

Piłsudskiego 23

95-200 Pabianice

Poland

**The product meets the applicable essential health and safety requirements
included in Regulation (EU) 2016/425 of the European Parliament and of the Council
of 9 March 2016**

Validity period: from 5 July 2019 to 4 July 2024

Head of the Centre
for Certification of Personal
Protective and Working Equipment

A. Stefko
Agnieszka Stefko M.Sc.(Eng.)

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signature of the certificate issuer's representative

Warsaw, date 5 July 2019 r.

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Product description:

The filtering half mask type X 310 SV FFP3 R D and X 320 SV FFP3 R D with the exhalation valve is a two-way half mask in which the air flows through the filtering material during the inhalation phase but during the exhalation phase through the exhalation valve and the filtering material. It is a complete device designed for respiratory protection against solid and liquid aerosols.

The filtering part of the half mask consists of the following layers of nonwovens:

- the outer layer:
 - polypropylene nonwoven type spun-bond of the surface mass of $(20 - 40) \text{ g/m}^2$,
- the middle layer:
 - four-layers of polypropylene nonwoven type melt-blown of the total surface mass of $(90 - 130) \text{ g/m}^2$,
- the inner layer:
 - polyester needled nonwoven of the surface mass of $(250 - 300) \text{ g/m}^2$.

The filtering half mask is equipped with:

- the nose clip made of plastic reinforced with two wires,
- the nose sealing made of polyurethane foam,
- the head harness made of latex threads in silk polyester braid,
- two head harnesses holders,
- the exhalation valve placed at the central of the bowl,
- the internal humidity sorption layer,
- the back buckle on head harness (type X 320 SV FFP3 R D).

Image:

type X 310 SV FFP3 R D



type X 320 SV FFP3 R D

Basic parameters:

class, personal protective equipment category, performance level(s) or protection class of the product

- penetration of sodium chloride aerosol – protection class FFP3 R
- penetration of paraffin oil mist aerosol – protection class FFP3 R
- breathing resistance – protection class FFP3
- total inward leakage – protection class FFP3
- clogging – protection class FFP3 D
- to be used for more than a single shift – R

Identification of the submitted documentation:

- application for EU type-examination No. 180/2019 dated 10.04.2019
- agreement on EU type-examination and review the of EU type-examination certificate No. 45/2019/1437, dated 15.01.2019
- technical documentation No. DTUE/RPE/003 Edition 1, rev. dated 10.12.2018
- manufacturer declaration concerning materials properties dated 26.06.2019

**Product/product model supplied with the EU type-examination application
is compliant with the technical documentation.**

The product meets the requirements of harmonised standard/technical specifications:

EN 149:2001+A1:2009 “Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking”

confirmed by tests performed by:

CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland

report No.:

427/PB/2011/NO dated 28.10.2011, 652/PB/2011/NO dated 20.12.2011, 513/CR/2016/NO dated 25.10.2016, amendment to the test reoport No. 515/CR/2016/NO dated 19.10.2016, 584/CR/2017/NO dated 14.11.2017

Marking:

logo of the manufacturer: OXYLINE and address; product identification type: X 310SV or X 320SV; protection class: FFP3 R D; EN 149:2001+A1:2009; expiration date; number of the product

The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016

NOTE 1:

Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.

This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.

NOTE 2:

Forging the content and the markings of the certificate or modifying them (including a photocopy or scan), or using such document as authentic is a crime under Article 270 § 1 of the Criminal Code.