

Certificate

of EU type-examination No. UE/540/2021/1437, edition 4

Name of the product:

Filtering half mask

Type (varieties):

VS005 FFP2 NR

Name and address of the manufacturer:

*Mask Authority Sp. z o.o.
Targowa 4
52-326 Wrocław
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 22 August 2022 to 7 February 2026

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 22 August 2022

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Product description:

The filtering half mask type VS005 FFP2 NR without the exhalation valve is a one-way half mask in which the air flows through the filtering material during the inhalation and the exhalation phase. It is a complete device designed for respiratory protection against solid and liquid aerosols.

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

- the outer layer consisting of the spun-bond nonwoven of the surface mass of 50 g/m^2 ,
- the middle layer consisting of three nonwovens:
 - nonwoven melt-blown of the surface mass of $20 \div 30 \text{ g/m}^2$,
 - nonwoven Hot Air Cotton of the surface mass of 50 g/m^2 ,
 - nonwoven melt-blown of the surface mass of $20 \div 30 \text{ g/m}^2$,
- the inner layer consisting of spun-bond nonwoven of the surface mass of $25 \div 30 \text{ g/m}^2$.

The filtering half mask is equipped with:

- two loops ear made of white rubber or black rubber for black filtering half mask,
- the nose clip made of double wire placed inside the bowl.

The filtering half mask is available in five colors: white, red, green, blue and black.

Image:



Basic parameters:

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

- penetration of sodium chloride aerosol - protection class FFP2 NR
- penetration of paraffin oil mist aerosol - protection class FFP2 NR
- breathing resistance - protection class FFP2
- total inward leakage - protection class FFP2
- limited to single shift use only - NR

Identification of the submitted documentation:

- application for EU type-examination No. 71/2021 dated 20.06.2022
- agreement on EU type-examination and review of the EU type-examination certificate No.191/2020/1437, dated 31.12.2020
- technical documentation of filtering half mask: the Filtering half mask VS005 FFP2 NR, Edition 04 dated 17.05.2022
- user's instruction dated 09.03.2022
- manufacturer's declaration on the method of assigning LOT number dated 18.08.2022
- declaration on the harmlessness of the materials used dated 18.08.2022

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:

1. ProBa Sp. z o.o., Laboratory of Respiratory Protective Devices, Lodz, Poland
2. CIOP-PIB, Department of Personal Protective Equipment, Lodz, Poland

report No.:

1. 08/2020 dated 22.12.2020
2. 72/CR-COV/2021/NO dated 01.02.2021, 621/PB-COV/2021/NO dated 11.10.2021, 697/PB-COV/2021/NO dated 11.10.2021, 807/PB-COV/2021/NO dated 08.10.2021, 813/PB-COV/2021/NO dated 19.11.2021, 814/PB-COV/2021/NO dated 08.10.2021, 823/PB-COV/2021/NO dated 25.10.2021, 223/PB-COV/2022/NO dated 16.05.2022

Marking:

name and address of the manufacturer: Mask Authority Sp. z o.o.; product identification type: VS005; protection symbol: FFP2 NR; standard: EN 149:2001+A1:2009; LOT – the serial number identifying the types of layers in the set of nonwovens/date of manufacture (year/week number); expiration date (year/month); exchangeable logotype identifying the product brand, for example: "virshields®"

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.