

Certificate

of EU type-examination No. UE/975/2024/1437, edition 1

Name of the product:

Filtering half mask

Type (varieties):

MSA Affinity 2120 FFP2 NR D 10128876

MSA Affinity 2121 FFP2 NR D 10128877

OPSIAL by MSA AIR'POCKET FFP2 NR D GA58224340

OPSIAL by MSA AIR'POCKET V- FFP2 NR D GA58224332

Name and address of the manufacturer:

MSA Europe GmbH
Schlüsselstrasse 12
8645 Rapperswil-Jona
CH-Switzerland

**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 1 March 2024 to 28 February 2029

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

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

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signature of the certificate issuer's representative

Warsaw, date 1 March 2024

page 1 of 3

Product description:

The filtering half masks type MSA Affinity 2120 FFP2 NR D 10128876 and OPSIAL by MSA AIR'POCKET FFP2 NR D GA58224340 without the exhalation valve and MSA Affinity 2121 FFP2 NR D 10128877 and OPSIAL by MSA AIR'POCKET V- FFP2 NR D GA58224332 with the exhalation valve are complete devices designed for respiratory protection against solid and liquid aerosols. In the filtering half mask without the exhalation valve the air flows in the inhalation and the exhalation phases through the filtering material. In the filtering half mask with the exhalation valve the air flows in the inhalation phase through the filtering material but in the exhalation phase through the exhalation valve as well as the filtering material.

The filtering half masks consist of following nonwovens layers:

- the outer layer - nonwoven covering fabric with the surface mass of (70 ± 10) g/m²,
- the middle layer - electret filtering material melt-blown type WPT-P2 with the surface mass of (50 ± 10) g/m²,
- the inner layer - nonwoven covering fabric with the surface mass of (30 ± 10) g/m².

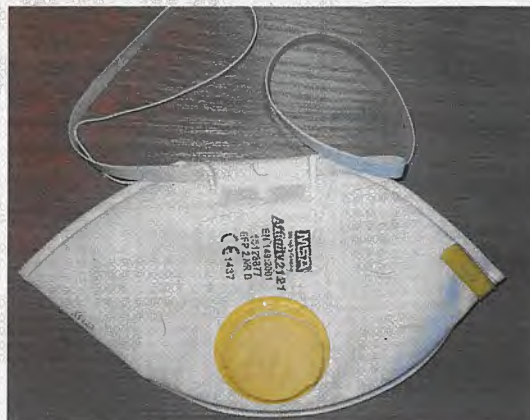
The half mask bowl is fitted with:

- the head harness made of rubber type oring,
- the nose clip made of plastic, reinforced with two wires,
- the nose sealing placed inside the bowl,
- the exhalation valve placed at the right-hand side of the bowl (type MSA Affinity 2121 FFP2 NR D 10128877 and OPSIAL by MSA AIR'POCKET V- FFP2 NR D GA58224332).

The filtering half mask type OPSIAL by MSA AIR'POCKET differs from the filtering half mask type MSA Affinity in the way of marking, only.

Image:

type MSA Affinity 2120 FFP2 NR D
10128876



type MSA Affinity 2121 FFP2 NR D
10128877



type OPSIAL by MSA AIR'POCKET
FFP2 NR D GA58224340



type OPSIAL by MSA AIR'POCKET
V- FFP2 NR D GA58224332

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
- clogging - protection class FFP2 D
- limited to single shift use only - NR

Identification of the submitted documentation:

- application for EU type-examination No. 139/2023 dated 11.12.2023
- agreement on EU type-examination and review of the EU type-examination certificate No. 129/2020/1437, drawn up on 11.12.2023, concluded on 17.01.2024
- certificate No. UE/457/2020/1437
- agreement No. 23/11/2023 dated 23.11.2023
- technical documentation of PPE dated 20.12.2018 with the annex dated 19.08.2019
- user's instruction dated 31.01.2024 and marking description dated 30.11.2023 and 13.02.2024 (for MSA Affinity 2120 10128876 and Affinity 2121 10128877)
- user's instruction dated 31.01.2024 and marking description dated 13.02.2024 (for OPSIAL by MSA AIR'POCKET GA58224340 and AIR'POCKET V- GA58224332)
- manufacturer declaration concerning materials properties dated 21.12.2018 and 19.08.2019

**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:

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

report No.:

1. 363/PB/2018/NO dated 03.08.2018, 851/PB-COV/2020/NO dated 01.09.2020
2. 48/2023 dated 10.11.2023

Marking:

logo: MSA The Safety Company of the manufacturer: MSA Europe GmbH; product identification type: Affinity 2120 10128876 or Affinity 2121 10128877; protection class: FFP2 NR D; standard: EN 149:2001; date of manufacture (day number of the year and year number) identifying the batch/serial number

or

logo: OPSIAL by MSA and address of the manufacturer: MSA Europe GmbH; product identification type: AIR'POCKET GA58224340 or AIR'POCKET V- GA58224332; protection class: FFP2 NR D; standard: EN 149:2001+A1:2009; date of manufacture (day number of the year and year number) identifying the batch/serial number

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.