

Certificate

of EU type-examination No. UE/454/2020/1437, edition 1

Name of the product:

Filtering half mask

Type (varieties):

MSA Affinity 2131 FFP3 NR D 10128878
OPSIAL by MSA AIR 'POCKET V-FFP3 NR D 58224359

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 3 September 2020 to 31 January 2024

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

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signature of the certificate issuer's representative

Warsaw, date 3 September 2020

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Product description:

The filtering half mask type MSA Affinity 2131 FFP3 NR D 10128878 and OPSIAL by MSA AIR'POCKET V-FFP3 NR D 58224359 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:

- one outer layer:
 - the polypropylene nonwoven type spun-bond of the surface mass of $(70 \pm 10) \text{ g/m}^2$,
- two middle layers:
 - the polypropylene rigid nonwoven of the surface mass of $(80 \pm 20) \text{ g/m}^2$,
 - the filtering nonwoven 2xWPT-P1 of the surface mass of $(100 \pm 20) \text{ g/m}^2$,
- one inner layer:
 - the polypropylene nonwoven type spun-bond of the surface mass of $(30 \pm 10) \text{ g/m}^2$.

The filtering half mask is equipped with:

- the nose clip made of plastic reinforced with two wires,
- the nose sealing made of polyethylene foam,
- the exhalation valve placed in the right part of the filtering half mask,
- the head harness made of rubber type oring.

Image:



type MSA Affinity 1131 FFP3 NR D 10128878



type OPSIAL by MSA AIR'POCKET V-FFP3 NR D 58224359

Basic parameters:

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

- penetration of sodium chloride aerosol - protection class FFP3 NR
- penetration of paraffin oil mist aerosol - protection class FFP3 NR
- breathing resistance - protection class FFP3
- total inward leakage - protection class FFP3
- clogging - protection class FFP3 D
- limited to single shift use only - NR

Identification of the submitted documentation:

- application for EU type-examination No. 503/2020 dated 28.07.2020
- agreement on EU type-examination and review of the EU type-examination certificate No. 146/2020/1437, dated 07.07.2020
- technical documentation of PPE dated 20.12.2018
- agreement No. 04/05/2020 dated 28.05.2020
- manufacturer declaration concerning materials properties dated 23.07.2020
- user's instructions and marking dated 23.07.2020

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.:

362/PB/2018/NO dated 12.09.2018, 838/PB-COV/2020/NO dated 27.08.2020

Marking:

logo of the manufacturer: MSA or OPSIAL by MSA; product identification type: Affinity 1131 10128878 or OPSIAL by MSA AIR'POCKET V- 58224359; protection class: FFP3 NR D; EN 149:2001 (for Affinity 1131) or EN 149:2001+A1:2009 (for OPSIAL by MSA); date of manufacture 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.