

# Certificate

## of EU type-examination No. UE/623/2021/1437, edition 3

**Name of the product:**

*Filtering half mask*

**Type (varieties):**

*SX00021 FFP2 NR  
SX00021 FFP2 R  
SX00021 FFP2 R NANOVIO*

**Name and address of the manufacturer:**

*Sandex M.Szandeccki, J.Szandeccka Sp. j.  
Majowa 6  
05-092 Łomianki  
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 19 July 2022 to 30 June 2026***

*Deputy director for certification and education  
Daniel Podgórski, Ph. D. (Eng.)*

.....  
*signature of the certificate issuer's representative*

***Warsaw, date 19 July 2022***

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**Product description:**

The filtering half mask type SX00021 FFP2 NR, SX00021 FFP2 R and SX00021 FFP2 R NANOVIQ is a one-way half mask (without the exhalation valve) in which the air flows in the inhalation and in the exhalation phases through 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:
  - the polyester fabric "microfiber" with various-coloured print graphics of the surface mass of 80 g/m<sup>2</sup>,
- the middle layer:
  - two polypropylene nonwovens P2+ of the surface mass of 25 g/m<sup>2</sup> each,
- the inner layer:
  - the polyester fabric "microfiber" white of the surface mass of 80 g/m<sup>2</sup>.

The filtering half mask is equipped with:

- two head harnesses made of rubber type "tube",
- the nose clip made of aluminium.

**Image:**



**type SX00021 FFP2 NR**



**type SX00021 FFP2 R**



**type SX00021 FFP2 R NANOVIQ**



**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 and FFP2 R*
- *penetration of paraffin oil mist aerosol - protection class FFP2 NR and FFP2 R*
- *breathing resistance - protection class FFP2*
- *total inward leakage - protection class FFP2*
- *limited to single shift use only - NR (for type marked SX00021 FFP2 NR)*
- *to be used for more than a single shift - R (for type marked SX00021 FFP2 R and SX 00021 FFP2 R NANOVI0)*

**Identification of the submitted documentation:**

- *application for EU type-examination No. 57/2022 dated 01.06.2022*
- *agreement on EU type-examination and review of the EU type-examination certificate No. 220/2021/1437, dated 27.04.2021*
- *technical documentation of the filtering half mask SX00021 FFP2 NR dated 24.05.2021*
- *technical documentation of the filtering half mask SX00021 FFP2 R dated 06.08.2021*
- *technical documentation of the filtering half mask SX 00021 FFP2 R NANOVI0 dated 01.06.2022*
- *manufacturer declaration concerning materials properties of the filtering half mask SX00021 FFP2 NR dated 24.05.2021*
- *manufacturer declaration concerning materials properties of the filtering half mask SX00021 FFP2 R dated 06.08.2021*
- *manufacturer declaration concerning materials properties of the filtering half mask SX00021 FFP2 R NANOVI0 dated 30.06.2022*

***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:**

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

**report No.:**

*143/PB-COV/2021/NO dated 20.04.2021, 648/PB-COV/2021/NO dated 02.08.2021*

**Marking:**

*name and address of the manufacturer: Sandex M.Szanddecki, J.Szanddecka Sp. j.; product identification type: SX00021; protection class: FFP2 NR or FFP2 R; brand name: NANOVI0 (for SX00021 FFP2 R NANOVI0); standard: EN 149:2001+A1:2009; date of manufacture (day.month.year - for SX00021 FFP2 NR and SX00021 FFP2 R or year.month.day - for SX00021 FFP2 R NANOVI0); the batch 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.***