

Technical Data Sheet Filtering Half Mask CP-04-01 FFP NR

FEATURES

The CP-04-01 FFP NR filtering half mask is a personal protective equipment - disposable filtering half mask for protection against particles. Its filtration efficiency reaches the FFP2 class, the particle penetration is not more than 6%. Products in this category are used for protection against solid and liquid particles forming aerosols (dusts, fumes, mists), if the maximum concentration is not higher than 10x NDS. The half mask consists of five layers of material. The face piece is made of a polypropylene spunbond nonwoven layer with a weight of 40-45 g / m², two MeltBlown filter layers, one layer of Airthrough nonwoven fabric, the inside a half-mask is made of one spunbond layer of 20-25 g / m². In the nose part there is a 9 cm long metal element coated with white polyethylene placed between layers of materials, which allows better adjustment of the half-mask to the face. The half mask is attached to the face with two latex-free ear tapes ultrasonically welded on both sides of the half mask, 3-5 mm wide and 21-22 cm long.


COMPLIANT WITH THE REQUIREMENTS:

EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks for protection against particles

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

The EU declaration of conformity is available at: <https://maseczki.ciech.com>

EU type-examination certificate **UE/493/2020/1437** dated **17 Nov, 2020**

Filtering mask performances:	Acc. to standard:	Required result:	
Total internal leakage [%]	EN 149:2001+A1:2009	≤ 8%	
Filtration efficiency [%] NACI/ paraffin oil 95 l/min	EN 149:2001+A1:2009	≥ 94%	
Carbon dioxide content in the inhaled air	EN 149:2001+A1:2009	≤ 1,0%	
Maximum breathing resistance [Pa] inhalation 30 l/min (mbar)	EN 149:2001+A1:2009	≤ 0,7	
Maximum breathing resistance [Pa] inhalation 95 l/min (mbar)	EN 149:2001+A1:2009	≤ 2,4	
Maximum breathing resistance [Pa] exhalation 160 l/min(mbar)	EN 149:2001+A1:2009	≤ 3,0	

MATERIALS

- Outer layer: polypropylene spunbonded fabric – 40-45 g/m²
- Filter media : polypropylene Melt Blown filter fibre 25-30 g/m²
- Non wovens PP/PE - airtthrough 35-50 g/m²
- Filter media : polypropylene Melt Blown filter fibre 25-30 g/m²
- Inner layer: polypropylene spunbonded fabric – 25-30 g/m²
- Nose bridge strip: metal coated with white polyethylene
- Elastic ear band: latex-free polyamide/elastane rubber, 3-5 mm width

PACKAGING AND TRANSPORTATION

25 pcs or 50 pcs in a inner box, product expiry date - 5 years.

The end of the shelf life is indicated on the product packaging.

Product should be stored in a clean and dry place in the temperature range from -20 ° C to + 40 ° C with a maximum relative humidity of <80%.

CONTRAINDICATIONS AND RESTRICTIONS

The half mask cannot be used in rooms with small cubic capacity and inadequate ventilation due to the possibility of oxygen deficiency (below 17 %_{vol}).

Do not use filtering half masks if the concentration and type of harmful substances are not known.

The use of a half-mask by users with facial hair and those with scars and facial deformities results in an insufficient fit of the half-mask and, consequently, does not provide effective protection against external factors.

Do not use a half-mask in case of insufficient adhesion and feeling of air leakage.

Filtering half masks do not provide protection against gases and vapours.

The half mask does not protect against radioactive particles, viruses and enzymes.

Half masks cannot be used in the explosive atmosphere.

Filtering half mask marked with number *FFP2* is a disposable product (cannot be used for more than one working shift).

Remove and replace the half mask with a new one if it has been damaged, the breathing resistance has increased excessively or when the shift is over.

Do not change the design, modify, clean or repair the half mask.

The product has to be disposed of according to local regulations.

Approved by:
Quality Assurance Manager:
Patrycja Bereznowska