

FFP2 respirator mask Model 2021 multipart, reusable

The particle filtering half mask of the brand Happy breath provides safe protection against aerosols, dusts and non-volatile liquid particles.

The ergonomic fit in conjunction with the reusable carrier system provides good wearing comfort.

Due to the combination (carrier system and replaceable filter elements), this patent-pending mask concept is resource-friendly and easily recyclable (separation of metal, plastic and rubber band).

Pleasant skin contact surface due to a soft and cuddly plastic seal.

The integrated nose clip is deformable and adjustable in position, so that an individual nose fit can be ensured.

The strap is latex-free and comfortable to wear due to the width of 7 mm. The mask can be comfortably put on and taken off by the adjustable strap system and can be individually adapted to different head shapes.

The innovative, 4-layer filter construction ensures a very high filter performance with very low breathing resistance and is odorless (fibers according to Öko Tex Standard 100).





Classification

Category III according to Regulation (EU) 2016/425 for personal protective equipment (PPE).

EU type examination was carried out by: DEKRA Essen, test center number: 0158

Standards

The respirator masks tested according to EN 149:2001 + A1:2009.

Class	Maximum flow rate parafin oil 95 l/min.	Inhalation resistance 30 l/min.	Inhalation resistance 95 l/min.	Exhalation resistance 160 l/min.
FFP2	6 %	0,7 mbar	2,4 mbar	3,0 mbar
Happy breath <small>(Measuring device: Lorenz FMP03)</small>	< 1% 	< 0,5 mbar 	< 1,5 mbar 	< 2,4 mbar 

The limit values are clearly undercut!

Flammability meets the requirements of EN 149:2001 + A1:2009.

All materials used do not present any danger to the user and are not easily flammable.

Materials

Filter element (to be used only once)

- 4 layer construction, mouth side - fibers according to Öko Tex Standard 100
- Protective structure made of a TPE that is kind to the skin

Carrier system (30x reusable)

- Carrier fixes the filter element by snap-in tabs
- Plastic carrier made of a skin-tolerant PP
- Latex free strapping 7 mm wide
- Integrated nose clip
- The individual components can be disassembled and separated for recycling purposes.



Instructions:

- The filter elements are only to be used once!
- After the end of a work shift, the filter element must always be changed!
- Carrier system 30x reusable!
- The carrier system must be cleaned/disinfected before inserting a new filter element!
- The filter elements do not protect against gases and vapors.
- The oxygen content in the breathing air must be at least 19.5 % by volume.
- The respirator mask must not be used if the concentration, type and property of the pollutants are not known.
- Do not use in explosive atmosphere.

Storage:

Store without direct sunlight, dry in original packaging, see also note on the packaging. In compliance with the storage conditions, the product has a shelf life of 3 years.

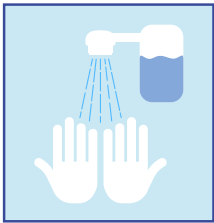
Disposal:

The product can be thermally recycled or disposed of in landfills without releasing toxic substances. In the case of contaminated products, the applicable laws and national regulations must be observed.

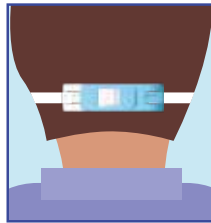
The Happy breath-carrier system is available in four colors:



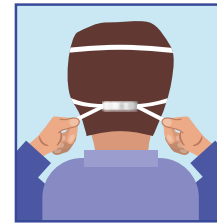
Put on the respirator mask



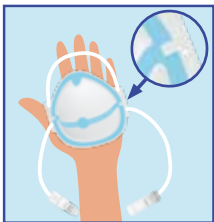
1. Disinfect hands.



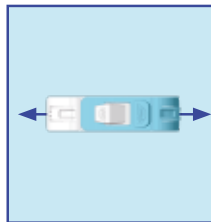
3b. Place them on top of each other behind the head.



5. Adjust the headband on the clasp to the correct length.



2. Place the filter element in the carrier system, push the recess under the hooks.



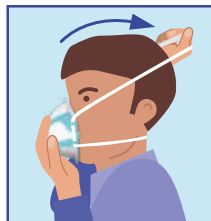
3c. Pull outward to engage.



6. Bring the nose clip into the optimal position and press lightly.

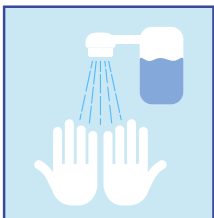


3a. Take the closure ends of the headband in one hand.

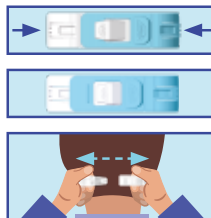


4. Put the carrier system on chin and nose, pull the upper head-band onto the back of the head.

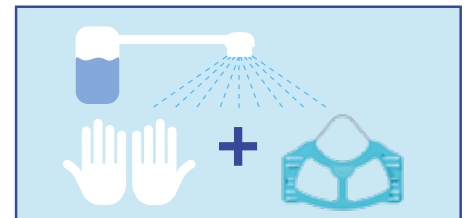
Take off the respirator mask



1. Disinfect hands and invest gloves.



3. Open the clasp in the neck by pushing it together.



5. Disinfect hands and Happy breath-carrier system.



2. Place the upper head-band from back of the head over the head in front of the carrier system.



4. Remove and dispose the filter element.

Application video:
<https://happy-breath.de/service/videos>



Manual disinfection of the reusable carrier system in the immersion bath

- Disinfection with 1% disinfectant solution „1+1 Wofasteril SC super“
- Immerse the carrier system for 30 minutes at a max. temperature of 30°C..
- Then dry at a max. temperature of 60°C.
- After the disinfection and drying process, the carrier system must be inspected visually and functionally.

Disinfectant supply source: Article Ref.: 1+1 Wofasteril SC super

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