

# e-breathe Short & Long Hood

## Respiratory Protection Hoods



The new overpressure lightweight hoods of the e-breathe Short & Long Hood series offer maximum comfort with the highest level of protection. They feature an attractive, ergonomic design and a soft-fitting face seal made of elastic material that adapts to different face sizes and shapes. The special design makes it possible to wear glasses under the hood without a noticeable, annoying draught.

An adjustable and fixed head support is located inside the hood, which enables immediate use. The hoods were designed for easy on and off. A loop at the front and back of the hood allows it to be adjusted and put down without touching the external material.

In combination with an air source (respiratory protection blower or compressed air control valve), a constant overpressure is built up inside the hood, preventing the penetration of harmful substances and achieving the highest protection class. The airflow passes inside the hood, along the visor, preventing any unpleasant drafts or noise. The excess and used air is exhausted by an exhalation valve positioned close to the mouth, minimizing CO<sub>2</sub> concentration and significantly improving communication.

**The hoods are available in two variants made of three different materials:**

**Short Hood:** Short Hoods are lighter and provide protection for the face and head area. The ears remain free.

**Long Hood:** Long Hoods have an additional head & shoulder cover and thus protect the entire head, neck and shoulder area.

**Limited-Use Hoods:** Consist of a low-noise, durable, wrinkle- and lint-free material that is disposed of directly after contamination/end of use.

**Premium (reusable) Hoods:** Consist of a low-noise, robust, reusable and water-repellent material. After use, the hood can be cleaned and reused.

**Chemical Hoods:** Consist of a low-noise, rugged, wrinkle-resistant, anti-static and chemical-resistant material that is disposed of directly after contamination/end of use.



SH1 - Limited-Use



SH2 - Premium



LH2 - Premium



LH3 - Chemical

### Product features:

- Certified respiratory protection according to EN 12941 protection class TH3
- Certified respiratory protection according to EN 14594 protection class 3A
- Eye and face protection EN 166: 15
- Breathing, face, neck and shoulder protection
- Headgear size S-XXL, universally adjustable
- Distortion-free all-round vision
- Suitable for beard and spectacle wearers
- Extremely light weight
- No G26 medical checkup
- No wearing time limit
- Chemical resistant

# e-breathe Short & Long Hood

## Respiratory Protection Hoods



### PRODUCT FEATURES:

#### Head holder

Thanks to the permanently installed, internal head holder, the hood is ready for immediate use. The lightweight head holder allows adjustment to different head sizes and ensures an optimum fit and maximum wearing comfort. The soft headband guarantees a comfortable fit and is replaceable.

#### New design

The newly developed hoods feature a wide and soft face seal. The soft, elastic material of the face seal optimally adapts to different face sizes and offers maximum wearing comfort and respiratory protection.

#### Variant: Short Hood - SH

The SH hoods have no additional shoulder cover and provide protection only for the face and head area. The ears remain free and allow a better perception of ambient noise.

#### Variant: Long Hood - LH

The LH hoods have an additional head & shoulder cover and provide protection of the entire head and neck area. The cover can be worn inside or outside the suit. Worn inside, the suit is supplied with excess air.

#### Airflow

The air distribution inside the hood has been designed to direct the airflow along the polycarbonate visor. This prevents permanent fogging of the visor and the user does not feel any unpleasant drafts. As a result, comfort is increased and noise is minimized.

#### Polycarbonate visor

The visor offers eye and face protection according to EN 166 F and is ergonomically shaped. It features an extra large, distortion-free field of vision. A visor protection film is available separately for the premium hoods.

#### Hood material

The hoods are made of low-noise, robust, wrinkle and lint-free material. Three different materials are available: Limited-Use, Chemical-Resistant and Reusable.

#### Exhalation valve with speech membrane

The exhalation valve provides the safest opportunity for direct exhaust of exhaled air and low CO<sub>2</sub> concentration inside the hood. The speech membrane in the exhalation valve provides easier communication. The intelligently designed exhalation valve ensures minimal exhalation resistance and allows the hood to be used directly without a G26 medical check-up.

#### Hose connection

The breathing air hose is securely attached to the adapter of the headgear using the simple e-breathe click system.

