

S-CAP **Industrial**

Operating Manual
S-CAP Industrial
Escape Hood



Order No.: 10239101/00

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1 Safety Regulations

1.1 Correct Use

The S-CAP Industrial – hereafter called device – is a filtering escape hood for self-rescue. The device described in this operating manual complies with Regulation (EU) 2016/425 and with DIN 58647-7: 1997. The prototype test was carried out by: Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung, IFA, Alte Heerstraße 111, D 53757 St. Augustin, Ref-No. 0121.

The device is used exclusively for self-rescue in case of gas leak.

The device protects the wearer during self-rescue against hydrogen sulfide, cyclohexane, hydrocyanic acid, chlorine, sulfur dioxide, ammonia, particles and dust.

Applicable National Regulations must be observed.



WARNING!

- Read this manual carefully before using the device. The device will perform as designed only if it is used and maintained in accordance with the manufacturer's instructions. Otherwise, it could fail to perform as designed and persons who rely on this device for their safety could sustain serious personal injury or death.
- Product operability must be verified before use. The product must NOT be used if it is damaged.
- The Program Administrator and the users must read and understand these instructions before using or servicing this product.
- This device is NOT approved for entry into a contaminated environment, nor for respiratory protection while working.
- This device does NOT supply oxygen and is dependent on the ambient air. Use only in adequately ventilated areas which conform to the appropriate standard.
- This device does NOT protect against carbon monoxide.
- Protection is limited against low boiling compounds, i.e. gases and vapors having a boiling point below 65 °C and at high toxic concentrations.
- This device is NOT designed to provide respiratory protection in the presence of CBRN agents.

- Use strictly according to the instructions, labels, and limitations pertaining to this device.
- Do NOT use without a complete understanding of the instructions and limitations for this respirator and proper training. Misuse can prevent the respirator from providing the necessary protection.
- This device is for single use ONLY and must NEVER be reused. Dispose of device if used, damaged, or the expiration date is exceeded.
- Do NOT alter, modify, or substitute any components.
- Do NOT store the device below -5 °C or above +50 °C. The temperature inside a vehicle can exceed +50 °C.
- This device must be stored in its original, unopened bag until needed for escape. It is recommended the device be kept in the original packaging for additional protection.

Failure to follow these warnings will result in serious personal injury or death.

1.2 Liability Information

MSA accepts no liability in cases where the product has been used inappropriately or not as intended. The selection and use of the product are the exclusive responsibility of the individual operator. Product liability claims, warranties also as guarantees made by MSA with respect to the product are voided, if it is not used, serviced or maintained in accordance with the instructions in this manual.

1.3 Product Warranty

The product life time is limited and depends on conditions of storage and use. Manufacturer's warranty is detailed described in the terms of sales and valid from the date of manufacture (see packaging). This warranty is valid only if the device is maintained and used in accordance with Manufacturer's instructions and/or recommendations.

2 Selection and Use

The selection and use of the product are the exclusive responsibility of the individual operator. The device must be selected according to its nominal service time based on the expected escape time. For type and class see [chapter 4 Ordering Information](#).

NOTE: Users with facial hair like beards or sideburns or anomalies in the face are not likely to achieve a tight fit since the facepiece-to-face fit may be broken.

2 Selection and Use

This may also occur in the case of extreme face sizes (e.g. children) or face shapes.

Due to its wide design, the S-CAP Industrial is also suited for persons wearing spectacles.

2.1 Donning

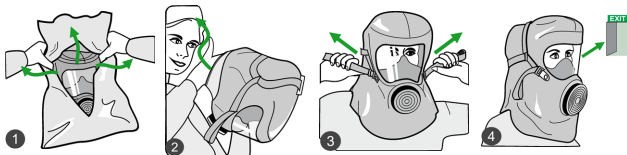


WARNING!

- Remove all jewelry (earrings, necklaces, rings) or other items that could damage respirator while donning and wearing. Ensure zippers or other garment objects do not interfere with donning.
- Do NOT place finger nails in a position that would tear or rip the neckseal or hood material while donning.
- If eyewear is worn, be sure to expand the neckseal outward far enough to clear the eyewear during donning.
- The neckseal may not provide satisfactory protection if hair, clothing, or other conditions prevent direct contact with the skin.
- Do NOT break the seal between your neck and the respirator during use.

Failure to follow these warnings will result in serious personal injury or death.

Remove device from box, resp. package and don according to steps 1 to 4.



1. Tear open plastic bag, take out and unfold the device.
2. Part the collar with both hands and pull the device over your head, seating the inner mask against your nose and chin.
3. Grasp the pulling straps with both hands and pull them to the rear.
4. The device is in use.

NOTE: Due to breathing resistance users of the escape respirators, especially inexperienced users may encounter breathing difficulties.



CAUTION!

After donning the device breathe calmly do not panic. Leave hazardous area immediately.

Failure to follow this caution can result in minor or moderate injury.

2.2 Doffing



WARNING!

Do not remove respirator until respirator and protective clothing are decontaminated; otherwise, exposure to contaminants may result. Follow decontamination and disposal procedures established by appropriate authorities.

Failure to follow this warning can result in serious personal injury or death.

1. Lift the front of neckseal and move hood up and over head.
2. Dispose the product in accordance with local regulations.

3 Storage, Maintenance and Disposal

The device is stored in cool, dry and clean ambient air. Do not open box/package/plastic bag prior to use. Replace damaged devices or those where the box/package/plastic bag has been opened. The end of shelf life is indicated on the device (hourglass).

Factory sealed and properly stored devices are maintenance free.

At the end of the shelf life, dispose the product in accordance with local regulations.

4 Ordering Information

Description	Type	Class	Part No.
S-CAP Industrial in wall box*	ABEK P	15	10206624
S-CAP Industrial in pouch with strap**	ABEK P	15	10206625
S-CAP Industrial in pouch**	ABEK P	15	10206623

* Suitable for stationary storage

** Suitable for carrying along

5 Pictograms



See information supplied by the manufacturer



<90% RH Maximum humidity of storage conditions



-5°C 55°C Temperature range of storage conditions



YYYY/MM End of shelf life / year and month