

S-CAP

Hood for Escape from Fire

It has been proven that most victims during dramatic circumstances due to a fire do not get injured by heat or flames but from smoke and gases. S-CAP is an escape hood especially designed to protect persons endangered by smoke and gases generated by fires.
The most dangerous of them is carbon monoxide. S-CAP provides an effective protection for eyes, head and especially the respiratory tract, and thus persons can rescue themselves with little risk.

Safe Protection

The smoke hood S-CAP features a clearly visible bright yellow hood fitted with a wide lens allowing a large field of vision. Inside the hood, a nose cup gives a perfect adaptation to a wide variety of head and face sizes and is directly connected to a multipurpose filter with a broad protection range, including carbon monoxide. For a better respiratory comfort, the hood is also equipped with an exhalation valve.

The adjustable head harness located on the outside of the hood is directly attached to the nose cup. Once tightened, the hood fits the head closely.

The hood material, as well as the harness and the lens, are resistant against heat and short flame contact.

Improved Performance

S-CAP has seen its performance improved with the addition of a light cotton neck seal, without affecting the ease of donning, even for persons wearing spectacles. This high level of performance exceeds by far the requirements of the revised European standard EN 403:2004.

Immediately Operational

The protection with S-CAP is effective within seconds and does not require any other specific procedure.

The filter is designed for a rated service time of 15 minutes, depending on the concentration of the contaminants. This time is adequate for escape from buildings under normal conditions. The smoke hood is designed to be used only once. This way, the wearer is assured of the full performance capability of the filter.

Applications

S-CAP can be used also by the rescue teams to assist in the evacuation of people, even if unconscious. As an additional measure of preventive fire protection, S-CAP can increase the safety in residential areas, hospitals, retirement homes, hotels, office building, or meeting rooms.

MSA
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Easy Donning

S-CAP is protected and stored in a vacuum-sealed aluminised foil bag from which it is taken only prior to donning. No further preparations are required. The donning procedure is illustrated on the foil bag. After tearing open the foil bag, the hood is taken out, pulled over the head, the nose cup is fitted over nose and chin, and then the hood is adjusted using the head harness.

Features and Benefits

- Easiest donning
- Simple and quick handling
- Safe protection of breathing, eyes and head
- Also suitable for persons wearing spectacles
- Large field of vision
- High performance filter
- Low breathing resistance











Packing Options

Cardboard Box

The cardboard box is sealed. The permissible storage life is indicated on the outside.
Dimensions approx. 28.5 x 15.5 x 11.5 cm (H x W x D).

Wall Box

A two-part plastic box, suitable for wall mounting, contains one smoke hood in its foil bag. The box has a lead seal. The permissible storage life is indicated on the outside. A short instruction on a luminescent label is on the box.
Dimensions approx. 28.5 x 15.5 x 12.5 cm (H x W x D).

Fireman's Pack

A solid carton contains three S-CAPs in foil bag, each in a metal can. With the carrying grip located off-centre, two cartons can be carried with one hand. The test date is on top of the carton.
Dimensions approx. 40.5 x 22.5 x 14 cm (H x W x D).
Weight approx. 3.1 kg.

Pouch

Highly visible, water-resistant, sealed pouch with versatile carrying options; carry along with shoulder belt, belt loop or integrated d-ring possible. A short donning instruction is printed on the outside of the pouch. It is possible to check the permissible storage life without breaking the security seal. Also available without carrying strap.
Dimensions approx. 24 x 14 x 12 cm (H x W x D).

Container Elite

The robust carrier contains two S-CAP hoods, immediately ready to use in case of danger. It allows safe storage even in case of mechanical exposure. Perfect solution for storage in vehicles.
Dimensions approx. 31 x 18 x 23 cm (H x W x D).

Technical Data

Protection range: The filter fitted on the S-CAP smoke hood protects against numerous contaminants. It removes toxic and eye-irritating fire smoke and gases from the inhaled air, such as carbon monoxide, acrolein, hydrogen chloride, hydrogen cyanide, sulphur dioxide and particles of harmful substances (P 2).

Like any filtering device, the S-CAP should only be used in areas where there is an adequate level of oxygen, as required by local regulation.

Material	Hood:	Coated PVC
	Neck Seal:	Cotton
	Lens:	PET
	Inner mask:	NR natural rubber, grey
Filter	Multi Purpose Filter (CO, gases from fire & particles P2)	
Weight	approx. 630 g (ready for use)	
Size	one universal size	
Service time	min. 15 minutes (rated service time)	
Breathing resistance	Inhalation resistance approx. 1.2 mbar Exhalation resistance approx. 0.5 mbar	
Storage life	Factory sealed in foil bag under proper storage conditions. Maintenance-free for 4 years. Thereafter, testing is required. Max. shelf life: 10 years (4 + 4 + 2 years). Life for S-CAP stored on vehicles: max. 8 years	
Approvals	EN 403:2004	

Ordering Information

10064644	S-CAP in cardboard box
10064645	S-CAP in wall box
10064646	S-CAP in fireman's pack (pack of 3)
10081637	S-CAP in pouch
10113222	S-CAP in pouch without carrying strap
10101163	S-CAP in Container Elite (pack of 2)

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