

S-CAP Hood

Hood for escape from Fire

MSA
The Safety Company



*Because every life has a **purpose...***

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

- Rescue operations
- Preventive fire protection
- Increase safety in residential areas, hospitals, retirement homes, hotels, office building or meeting rooms



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.



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 est 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).



S-CAP Trainer Hood

The S-CAP Hood Trainer consists of a standard S-CAP yellow hood, to be used by rescue teams to train the potential users.

The hood is included in a blue bag, closed by velcro straps intended to simulate the tearing of the aluminized foil bag.

A filter holder is available separately, to get the trainee used to the various sensations of wearing such a device.

Technical Specifications

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 (P2).

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 and 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

Part No.	Description
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)

Part No.	Description
10146795	S-CAP Trainer hood without filter, in pouch
B1446031	Smoke Hood filter holder
B1446030	Smoke Hood filter pad (pack of 100)
10146807	Spare hoods (3 pcs.)



S-CAP TR pouch



S-CAP TR blue bag



S-CAP TR spare hood,
Smoke Hood filter
holder, filter pad

Your direct contact

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