



MSA Escape Devices Program

[Make Yourself Safe]



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Emergency escape from hazardous areas and confined spaces: An integral part of risk assessment for working in potential hazardous areas must be the consideration of the options for escape (self-rescue). MSA offers a full range of equipment for escape purposes. The most economical solution is a filtering device. It is perfect as long as you know of the type, properties and composition of the hazardous agent in the ambient air. If you can't be sure it might not work in all situations (i.e. low oxygen concentration, <17 Vol.% O₂, high toxic concentrations etc.).

Therefore a higher level of protection is offered by independent air supply systems (based on compressed air supply or chemical oxygen regeneration). All these units are designed to be small and neatly packed so that they can be carried easily, placed near or hung up close to the workplace.

They can be stored unopened for a long period of time, but yet be immediately ready for use. MSA offers a perfect range of solutions for the two essential questions:

What level of protection is required?

What duration is needed?



miniSCAPE®

Using the latest filtering media TabTec® technology, the MSA miniSCAPE is a single use escape device with 5 minutes service time. It protects against hazardous gases of the types A, B, E and K. miniSCAPE is equipped with mouthpiece and nose clip. Small and handy, the miniSCAPE fits into the pocket of lab overall or any working clothes. It can also be carried on the belt, with the very practical integrated belt clip.

In case of emergency, it can be donned very quickly and is immediately operational. In case of sudden and unexpected outbreaks of toxic gases or vapors at the workplace, personnel can leave the danger area quickly and safely with the miniSCAPE.

The hygienic and convenient plastic casing allows frequent distribution to different persons, for example, mechanics, visitors or shift workers.

Features and Benefits

- Small design high performances
- Quick and easy donning
- Universal fit (mouthpiece)
- Easy carrying in the pocket or at the belt
- Safe respiratory protection also for persons wearing glasses and beard

Duration

5 minutes

DIN 58647.7

Ordering Information

10038560 miniSCAPE in plastic housing



MSR 1 and MSR 2

The MSR (type 1 and 2) half mask filtering device provides protection against hazardous gases of the types A, B, E and K. The MSR2 also covers protection against particles (P2). Both devices are packaged in a robust carrying container with a belt clip. The MSR 1 and 2 are fast to open in a quick action, donned in seconds and provide an excellent seal with the half mask and the easy adjustable harness. An exhalation valve reduces breathing resistance for best comfort.



Features and Benefits

- Small design
- Fast and easy donning
- Excellent filter performance
- Exhalation valve
- Replaceable Filter cartridges
- Carrying on belt

Duration

15 minutes

DIN 58647.7

Ordering Information

D2264700 MSR 1

D2264701 MSR 2



S-CAP

The S-CAP provides protection for persons endangered by smoke and gases generated by fires. Investigations confirm again and again that most victims in fire do not die from heat or flames but from the smoke and gases. Particularly dangerous is carbon monoxide which is generated by most fires. Very easy to use, the device also provides protection for the eyes and the face.

Features and Benefits

- 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



Duration

15 minutes

EN 403

Ordering Information

D6181702 S-CAP

in cardboard box

D6181704 S-CAP in luminescent

wallbox

D6181712 S-CAP (pc of 3)

in special package for fire-brigades



Smoke Hood

The Smoke hood is an emergency escape respirator, designed to the exacting requirements of the North sea oil production industry, for self rescue from fire incidents where smoke, carbon monoxide and other toxic gases may be present.

The hood provides protection against radiant heat while the neck seal provides additional protection against smoke rising inside the hood. A self-adjusting, one size fits all, head harness makes for quick and easy donning.



Features and Benefits

- Self-adjusting head harness
- Elastic neck seal
- Simple and quick handling
- Safe protection of breathing, eyes and head
- Large field of vision
- High performance filter
- Low breathing resistance

Duration

15 minutes

EN 403

Ordering Information

B144 0005 MSA Smoke Hood

B144 6021 MSA Training Hood w/o filter

B144 6031 Filter holder

B144 6030 Filter Pads (Box of 100)



S-Cap-Air

The S-Cap-Air is a compressed air, constant flow, escape breathing apparatus designed to aid escape from hazardous areas in which toxic substances or oxygen deficiency may occur. It is very easy to operate – simply open the unit, put on the hood and make your escape. Opening the carrying bag automatically starts the airflow – this simple action means the set is already supplying air to the hood when you don it.



Features and Benefits

- Fast automatic activation
- Self-explanatory operation and donning
- Very comfortable inner mask
- Superior field of view through the large hood visor
- Excellent hood seal
- Optical warning indicator
- Low exhalation resistance



Duration

15 minutes

EN 1146

Ordering Information

10017668 S-Cap-Air with empty cylinder

10032181 S-Cap-Air with charged cylinder

10033919 S-Cap-Air light with empty cylinder

10034561 S-Cap-Air light with charged cylinder

Oxygen Self-Rescuers

The MSA oxygen self-rescuers are light and robust independent air supply respiratory protective devices, packed in stainless steel containers, which can be used at every place where the ambient atmosphere may be oxygen deficient or contain toxic contaminants.

The apparatuses are designed to be carried on a belt or shoulder strap and donned in seconds. The breathing air regeneration based on KO₂ technique will supply oxygen to the wearer on his escape or while waiting for rescue, always self adjusting to the necessary oxygen demand of the user.

Features and Benefits

- Fast donning procedure
- Immediately ready for use
- Independent air supply
- Robust and sturdy container design
- Perfect fit with mouthpiece and nose clip
- Breathing controlled air supply
- Duration at full rest (waiting for rescue) is at least three times of the rated duration

Ordering Information

D1123701 SSR 30/100

10023263 SAVOX

D1118701 SSR 90 K60



SSR 30/100



SAVOX



SSR 90 K60

Rated Duration:

20 minutes

30 minutes

60 minutes

EN 401

EN 401

EN 401

Protection Table

[MSA Escape Devices]

UNIT	Gas and Vapour, type ABEK	Carbon Monoxide, CO	Protection		Eyes	Duration (Minutes)
			Particles, Dust	Oxygen Deficiency		
miniSCAPE	■					5
MSR 1	■					15
MSR 2	■		■			15
S-CAP	■	■	■		■	15
Smoke Hood	■	■	■		■	15
S-Cap-Air	■	■	■	■	■	15
SSR 30/100	■	■	■	■		20
SAVOx	■	■	■	■	■	30
SSR 90 K60	■	■	■	■	■	60

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