



## TECHNICAL DATA SHEET

# Evacuation mask

## type SR 77

Evacuation mask SR 77 is a unique product for protection of persons threatened by fire.

The product complies with the standards:

**EN 403:2004 Respiratory protective devices for self-rescue. Filtering devices with hood for escape from fire.**

Requirements, testing, marking

**EN 14387:2004 Respiratory protective devices. Gas filter(s) and combined filter(s).** Requirements, testing, marking.

Approved by: INSPEC Certification Services Ltd (0194).

The mask was produced in accordance with the quality management system **ISO 9001**, certified by INSPEC Certification Services Ltd.

### Evacuation mask SR 77:

The evacuation mask is designed to protect persons during evacuation from burning objects. The mask prevents suffocation and enables good orientation on the way out of a burning building or other object.

- protects against fumes produced by fire and against chemical substances
- the material of the hood is non-flammable and resistant against chemicals
- protects against all kinds of fumes/particles
- easy use and fixing, one use only
- intuitive „international“ directions for use with pictograms on the packing
- highly economical – the shelf life is up to 10 years (from the production date) – this is up to 2 times more than other similar masks
- after expiring of the shelf life service with CERTIFICATION is offered – the shelf life can be extended up to next 10 years



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#### BIC (swift)

CEKOCZPP

The **SR 77-3 Evacuation mask** is a filtering respiratory protective device combined with a hood for self-rescue in the event of a fire or a chemical emission accident.

The **mask** is based on a Sundström silicone half mask, which is mounted in a hood made of flame-resistant material.

The **hood** can be put on quickly and simply without prior adjustment. The hood is equipped with gas filter SR 331-2, ABEK1-CO and particle filter SR 510, P3, and provides short time protection against carbon monoxide and other toxic gases and particles that may be produced by fire or in a chemical emission accident:

A1 - organic gases and vapours, such as solvents, with boiling points above 65 °C.

B1 - inorganic gases and vapours, such as chlorine, hydrogen sulphide and hydrogen cyanide.

E1 - acidic gases and vapours such as sulphur dioxide and hydrogen fluoride.

K1 - ammonia and certain amines, such as ethylene diamine.

#### Use of evacuation mask:

- The evacuation mask is designed for immediate evacuation of people from burning buildings and objects. Using the mask substantially moderates harmful effects of smoke and fumes.

#### Where the evacuation mask can be used:

##### Civil sector

- Houses and hotels
- Office buildings
- Shopping centres and multifunction centres
- Cinemas and theatres
- Sports halls
- Tall buildings
- Underground parking

##### Transport

- Private transport
- Public transport
- Transport terminals
- Tunnels

##### Industry

- Manufacturing industry
- Chemical industry
- Mining industry

##### Rescue teams

- Protection of evacuated persons in the event of a fire
- Evacuation of rescue teams under special conditions

##### Police and military

- Tank crews
- Soldiers in bunkers and buildings
- Special troops
- Personnel of military bases and hospitals
- Policemen

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### Use limitations:

- Do not wash.
- Single use. Do not re-use.

### Storage and disposal:

- Store in dry conditions in original packaging.
- Store away from direct sunlight.
- Store within the temperature range -15°C to +50°C.
- Replace if damaged, heavily contaminated, expired, or in accordance with local practice.
- Handle and dispose masks with care and in accordance with national regulations.

### Technical parameters:

The evacuation mask is designated to use for evacuation of people from burning buildings before the arrival of professional rescue teams.

**Shelf life:** 10 years from the production date

Technical parameters of the evacuation mask SR 77 compared to requirements of the standards:

	SR 77-2	EN 403:2004, EN 141:1990	EN 14387:2004
Nominal Protection Factor	>50	50	-
Weight	590 g	1000 g	-
Package dimension	120x120x170 mm	-	-
Changing of filters	10 years!!!	-	-
Filtration efficiency, Sodium Chloride NaCl	> 99,997 %	≥ 94%	≥ 99,95 %
Filtration efficiency, Paraffin oil	> 99,997 %	-	≥ 99,95 %
<b>Resistance time</b>			
Carbon Monoxide CO, 0.25 %–1.0 %	30 Min	≥ 15 Min	-
Akrolein C <sub>3</sub> H <sub>4</sub> O, 100 ppm	> 100 Min*	≥ 15 Min	-
Hydrogen Chloride HCl, 1,000 ppm	> 36 Min*	≥ 15 Min	-
Hydrogen Cyanide HCN, 400 ppm	> 30 Min*	≥ 15 Min	-
A1, Cyclohexane C <sub>6</sub> H <sub>12</sub> , 1,000 ppm	110 Min	-	≥ 70 Min
B1, Chlorine Cl <sub>2</sub> , 1,000 ppm	130 Min	-	≥ 20 Min
B1, Hydrogen Cyanide HCN, 1,000 ppm	> 40 Min*	-	≥ 25 Min
B1, Hydrogen Sulphide H <sub>2</sub> S, 1,000 ppm	> 210 Min*	-	≥ 40 Min
E1, Sulphur Dioxide SO <sub>2</sub> , 1,000 ppm	130 Min	-	≥ 20 Min
K1, Ammonia NH <sub>3</sub> , 1,000 ppm	130 Min	-	≥ 50 Min

\*The test was interrupted. No penetration was detected.

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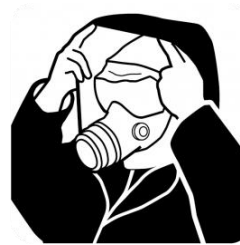
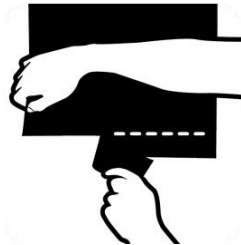
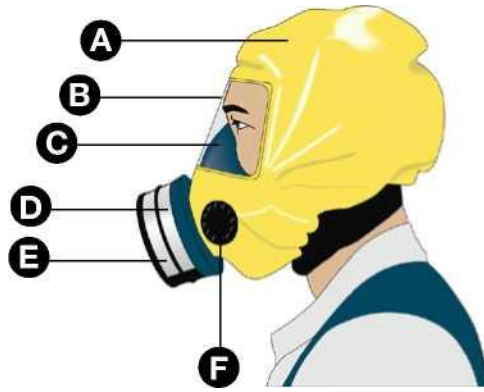
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- A. Hood
- B. Visor
- C. Half mask
- D. Gas filter
- E. Particulate filter
- F. Exhalation valve (2)



**IMPORTANT NOTICE:**

This guide is only an outline. It should not be used as the only means for selecting protective equipment. Before using any protective equipment, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. If in doubt, contact a safety professional. Selection of the most appropriate protection will depend on the particular situation and should only be made by a competent person.

This information is subject to revision at any time. Always read and follow all User Instructions.

**LIMITATION OF LIABILITY:** Except as provided above, the producer shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential arising out of the sale, use or misuse of the products, or the user's inability to use such products.

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