

# Product leaflet

Product	Model No.	Ordering No.
Escape Hood Smoke/Chem	SR 77-3 S, S/M	H15-3212
	SR 77-3 M, S/M	H15-3312
	SR 77-3 S, M/L	H15-3412
	SR 77-3 M, M/L	H15-3512

## Product Description

The SR 77-3 Escape Hood 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 hood is based on a Sundström silicone half mask, which is mounted in a hood made of flame-resistant material. The hoods are vacuum-packed in aluminum bags.

The hood can be put on quickly and simply without prior adjustment. The hood is available in two sizes and fits most adults and teenagers. 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 emitted in a 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.

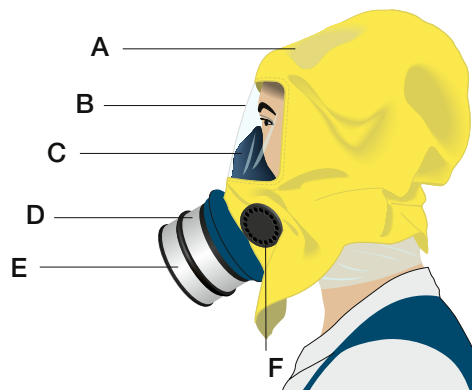
The **SR 77-3 S** is approved only for stationary storage.

The **SR 77-3 M** is approved also as portable escape hood and is delivered in a contingency bag made of nylon and designed for mounting on a belt.

## Technical specification

	SR 77-3	EN 403:2004	EN 14387:2004 + A1:2008
Weight	≈ 700 g	≤ 1,000 g	-
Package dimension	210 x 160 x 150 mm	-	-
Contingency bag	150 x 130 x 190 mm	-	-
Shelf life	10 years	-	-
Temperature range	-20 – +55 °C, < 90 %RH	-	-
Filtration efficiency, Sodium Chloride NaCl	> 99.997 %	≥ 94 %	≥ 99.95 %
Filtration efficiency, Paraffin oil	> 99.997 %	-	≥ 99.95 %
Resistance time			
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	> 25 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
Approvals	Technical specification SR 77-3 Version 01 within which the below harmonised standards were partially applied: EN 403:2004, EN 14387:2004 + A1:2008, EN 143:2000 + A1:2006		

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



**Sundström Safety AB**  
Tel: +46 10 484 87 00  
Västergatan 4  
SE-341 50 Lagan

**Sundström**  
www.srsafety.com