

ENG



The  
**S.E.A.**  
Group

**ESCAPE HOODS**

**Sundström** 



# Escape Hoods for evacuation in the event of fire and/or chemical emission accidents



The hood is made of chemical resistant and flame retardant material

Sewn and taped seams

10 years shelf life and no service required

Two sizes S/M and M/L

Large visor with anti-fog treatment

Intergrated head harness gives you quick and simple donning without prior adjustment

Mask body SR 100 in silicone gives you maximum protection level and comfort

Two exhalation valves

Gas filter after expected exposure

Neck seal in silicone for maximum seal against inward leakage

Particle filter with a filtration efficiency more than 99.997%

The escape hood is a filtering respiratory protective device for self-rescue in the event of fire and/or chemical emission accident. Sundström Safety's escape hood are available in several variations with different filter combinations depending on expected exposure.

The escape hood is based on the SR 100 half mask body in silicone and the hood is made of chemical resistant and flame retardant material which gives you an excellent fit and high comfort.

The hood can be put on without any prior adjustment. The hood is available in two sizes (S/M and M/L) and fits most adults and teenagers.

The two exhalation valves and filter combination with low exhalation and inhalation resistance gives minimal strain for the user in a potential psychological and physical environment.

The hood is vacuum packaged in an aluminum bag and is available for both stationary and mobile use in a bag that can be attached to the belt.

The durable and vacuum packed aluminum bag gives you a carefree use for 10 years with no need of service or maintenance.

NB: Escape hoods should be used only for escape purposes and not as equipment for carrying out specific tasks. Only for use in environments with sufficient oxygen content in the surrounding air.



### SR 77-3 ABEK1-CO-P3

The hood is equipped with gas filter SR 331-2, ABEK1-CO and particle filter SR 510, P3, and provides protection against carbon monoxide and other toxic gases and particles that may be emitted in a fire or in a chemical emission accident.



### SR 76-3 ABEK1-Hg-P3

The hood is equipped with combined filter SR 299-2, ABEK1-Hg-P3 and provides protection against all types of particles and a wide range of gases.



### SR 76-3 ABE2-P3

The hood is equipped with gas filter SR 294 ABE2 and particle filter SR 510 P3 and provides protection against all types of particles and a wide range of gases. For example hydrogen sulphide.



### SR 76-3 K2-P3

The hood is equipped with gas filter SR 295 K2 and particle filter SR 510 P3 and provides protection against all types of particles and ammonia and certain amines, such as ethylene diamine.



# TECHNICAL SPECIFICATION

ESCAPE HOOD SMOKE/CHEM ABEK1-CO-P3	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	–	–
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 %
<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	> 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	EN 403:2004 M/S, EN 14387:2004 + A1:2008		

ESCAPE HOOD, CHEM ABEK1-Hg-P3	SR 76-3	EN 403:2004, EN 14387:2004 + A1:2008
Weight	≈ 680 g	≤ 1,000 g
Package dimension	210 x 160 x 150 mm	–
Shelf life	10 years	–
Temperature range	-20 – +55 °C, < 90 %RH	–
Filtration efficiency, Paraffin oil	> 99.997 %	≥ 99.99 %
Filtration efficiency, Sodium Chloride NaCl	> 99.997 %	≥ 99.95 %
<b>RESISTANCE TIME</b>		
A1, Cyclohexane C <sub>6</sub> H <sub>12</sub> , 1,000 ppm	> 95 min	≥ 70 min
B1, Chlorine Cl <sub>2</sub> , 1,000 ppm	> 120 min	≥ 20 min
B1, Hydrocyanic acid HCN, 1,000 ppm	> 50 min	≥ 25 min
B1, Hydrogen Sulphide H <sub>2</sub> S, 1,000 ppm	> 120 min	≥ 40 min
E1, Sulphur Dioxide SO <sub>2</sub> , 1,000 ppm	> 45 min	≥ 20 min
K1, Ammonia NH <sub>3</sub> , 1,000 ppm	> 105 min	≥ 50 min
Hg, Mercury vapour Hg, 13 mg/m <sup>3</sup>	> 200 h	≥ 100 h
Approvals	EN 403:2004, EN 14387:2004 + A1:2008	

ESCAPE HOOD, CHEM ABE2-P3	SR 76-3	EN 403:2004, EN 14387:2004 + A1:2008
Weight	≈ 680 g	≤ 1,000 g
Package dimension	210 x 160 x 150 mm	–
Shelf life	10 years	–
Temperature range	-20 – +55 °C, < 90 %RH	–
Filtration efficiency, Paraffin oil	> 99.997 %	≥ 99.99 %
Filtration efficiency, Sodium Chloride NaCl	> 99.997 %	≥ 99.95 %
<b>RESISTANCE TIME</b>		
A2, Cyclohexane C <sub>6</sub> H <sub>12</sub> , 5,000 ppm	> 40 min	≥ 35 min
B2, Chlorine Cl <sub>2</sub> , 5,000 ppm	> 30 min	≥ 20 min
B2, Hydrogen Sulphide H <sub>2</sub> S, 5,000 ppm	> 60 min	≥ 40 min
B2, Hydrocyanic acid HCN, 5,000 ppm	> 35 min	≥ 25 min
E2, Sulphur Dioxide SO <sub>2</sub> , 5,000 ppm	> 30 min	≥ 20 min
Approvals	EN 403:2004, EN 14387:2004 + A1:2008	

ESCAPE HOOD, CHEM K2-P3	SR 76-3	EN 403:2004, EN 14387:2004 + A1:2008
Weight	≈ 680 g	≤ 1,000 g
Package dimension	210 x 160 x 150 mm	–
Shelf life	10 years	–
Temperature range	-20 – +55 °C, < 90 %RH	–
Filtration efficiency, Paraffin oil	> 99.997 %	≥ 99.99 %
Filtration efficiency, Sodium Chloride NaCl	> 99.997 %	≥ 99.95 %
<b>RESISTANCE TIME</b>		
K2, Ammonia NH <sub>3</sub> , 5,000 ppm	> 60 min	≥ 40 min
Approvals	EN 403:2004, EN 14387:2004 + A1:2008	



L11-4818 utg 01 SR 77-3/76-3 ENGELSK 2015