

Technical Data Sheet

Description

Description	S-CAP[®] S
Part Number	10064644 S-Cap in cardboard box 10064645 S-Cap in wall box 10064646 S-Cap in fireman's pack [pack of three] 10081637 S-Cap in bag 10101163 S-Cap in container Elite (pack of two)

Marking according to EN

EN 403:1993

Conditions of use

- Fire escape hood for one-time use only
- filtering device dependent on ambient air which should only be used in areas where there is an adequate level of oxygen
- designed to protect persons endangered by smoke and gases



Colour code

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Characteristics

Weight [g] approx.	630 [ready for use]
Dimension H x B x D [mm] approx.	cardboard box 285 x 155 x 115 wall box 285 x 155 x 125 in fireman's pack 405 x 225 x 140 bag 210 x 115 x 105 310 x 180 x 230
Connection	hood with integrated half mask

Breathing Resistance

	at	EN 403:1993 requirements	Typical values
Inhalation resistance approx.	95 l / min	8 mbar	6,25 mbar
Exhalation resistance approx.	95 l / min	3 mbar	1,92 mbar

Concentration of Testing Gases

2. concentration of testing gas

propenal [C ₃ H ₄ O]	100 ml/m ³ [0,01 Vol.-%]		
hydrogen chloride [HCl]	1000 ml/m ³ [0,1 Vol.-%]		
hydrocyanic acid [HCN]	400 ml/m ³ [0,04 Vol.-%]	2500 ml/m³ [0,25 Vol.-%]	
carbon monoxide [CO]	2500 ml/m ³ [0,25 Vol.-%]		
ammonia [NH ₃]	2000 ml/m ³ [0,2 Vol.-%]	5000 ml/m³ [0,5 Vol.-%]	
chlorine [Cl ₂]	1000 ml/m ³ [0,1 Vol.-%]	2500 ml/m³ [0,25 Vol.-%]	
cyclohexane [C ₆ H ₁₂]	2500 ml/m ³ [0,25 Vol.-%]		
hydrosulfide [H ₂ S]	2500 ml/m ³ [0,25 Vol.-%]	5000 ml/m³ [0,5 Vol.-%]	
sulfur dioxide [SO ₂]	1000 ml/m ³ [0,1 Vol.-%]	2500 ml/m³ [0,25 Vol.-%]	

Performances at 30l/min

Performance against gases	Gases of reference	EN 403:1993 requirements	Typical values
	propenal [C ₃ H ₄ O]	15 min	40 min
	hydrogen chloride [HCl]	15 min	200 min
	hydrocyanic acid [HCN]	15 min	500 min/ > 20 min
	carbon monoxide [CO]	15 min	> 20 min
	ammonia [NH ₃]	-	40 min/ > 20 min
	chlorine [Cl ₂]	-	10 min/ > 6 min
	cyclohexane [C ₆ H ₁₂]	-	7 min
	hydrosulfide [H ₂ S] 2500 ppm	-	> 25 min
	hydrosulfide [H₂S] 5000 ppm	-	> 25 min
	sulfur dioxide [SO ₂]	-	100 min/ 20 min
Performance against particle	Particles of reference	EN 403:1993 requirements	Typical values
	sodium chloride [NaCl]	6%	1.39%

Material

Hood	Coated PVC
Neck seal	Cotton
Lens	PET
Inner mask	NR natural rubber, grey

Details/Special Regulations

These values must not be applied as basis for the performance times, they are exclusively an indication that the S-Cap protects against these gases, but only within the EN 403:1993 as escape hood for 15 minutes!

Factory sealed in foil bag under proper storage conditions maintenance-free for 4 years.

The maximum shelf time is 10 years [4 + 4 + 2 years], for S-Cap stored on vehicles 8 years.