

Technical Data Sheet

Description

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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		
Marking according to EN	EN 403:2004		
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	-		

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		
Connection	on hood integrated half mask		

Breathing Resistance

	at	EN 403:2004 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

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.-%]
carbon monoxide [CO]	2500 ml/m ³ [0,25 Vol.-%]
ammonia [NH ₃]	2000 ml/m ³ [0,2 Vol.-%]
chlorine [Cl ₂]	1000 ml/m ³ [0,1 Vol.-%]
sulfur dioxide [SO ₂]	1000 ml/m ³ [0,1 Vol.-%]

Performances

Performance against gases	Gases of reference	EN 403:2004 requirements	Typical values
	propenal [C ₃ H ₄ O]	15 min	100 min
	hydrogen chloride [HCl]	15 min	200 min
	hydrocyanic acid [HCN]	15 min	500 min
	carbon monoxide [CO]	15 min	> 20 min
	ammonia [NH ₃]	-	40 min
	chlorine [Cl ₂]	-	10 min
	sulfur dioxide [SO ₂]	-	100 min
Performance against particle	Particles of reference	EN 403:2004 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 403:2004 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.