



Technical Datasheet

Description					
Name	SCAP Hood				
Part Numbers	10064644	S-Cap in cardboard box			
	10064645	S-Cap in wall box			
	10064646	S-Cap in fireman's pack [pack of three]			
	10101163	S-Cap in container Elite (pack of two)			
	10081637	S-Cap in pouch	100		
	10113222	S-Cap in pouch without carrying strap			
	10110222	To eap in peach mineur carrying chap			
Marking according to EN	EN 403:2004				
	Class S: designed to be stored				
	Class M: designed to be carried	on the person or a vehicle			
	, , , , , , , , , , , , , , , , , , ,	<u> </u>			
Conditions of use	Fire escape hood for one-time				
	• filtering device dependent on ambient air which should only be used in areas where there is an				
	adequate level of oxygen	dealers of his construction and makes			
	designed to protect persons en	dangered by smoke and gases			
	Total Control				
	\$5				
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	3	The same of the sa			
	S	100 ES	9		
	1 10 6	Gilder of the same	100		
		TINCE	-		
Characteristics					
Weight (g)	630 [ready for use]				
Dimensions HxBxD [mm] approx.	310 x 180 x 230				
. ,,,	• cardboard box 285 x 155 x 115				
	• wall box 285 x 155 x 125				
	• fireman's pack 405 x 225 x 140				
	• pouch 240 x 120 x 110				
	• bag 210 x 115 x 105				
Connection	hood with integrated half mask				
Breathing Resistance	i i				
	at	EN 403:2004 requirements	Typical values		
Inhalation resistance approx.	95 I / min	8 mbar	6,25 mbar		
Exhalation resistance approx.	95 I / min	3 mbar	1,92 mbar		
Concentration of Testing Gases ac	c. To EN403				
	Standard Concentration	Other concentration	Breakthrough Concentration		
propenal (acrolein) [C3H4O]	100 ml/m3 [0,01 Vol%]		0,5 ml/m3		
hydrogen chloride [HCI]	1000 ml/m3 [0,1 Vol%]		5 ml/m3		
hydrocyanic acid [HCN]	400 ml/m3 [0,04 Vol%]	2500 ml/m3 [0,25 Vol%]	10 ml/m3		
carbon monoxide [CO]	2500 ml/m3 [0,25 Vol%]		200 ml/m3		
Concentration of Testing Gases (ir		ormation only)			
, , , , , , , , , , , , , , , , , , ,	Test Concentration	Other concentration			
ammonia [NH3]	2000 ml/m3 [0,2 Vol%]	5000 ml/m3 [0,5 Vol%]			
chlorine [CI2]	1000 ml/m3 [0,1 Vol%]	2500 ml/m3 [0,25 Vol%]			
cyclohexane [C6H12]	2500 ml/m3 [0,25 Vol%]				
hydrosulfide [H2S]	2500 ml/m3 [0,25 Vol%]	5000 ml/m3 [0,5 Vol%]			
sulfur dioxide [SO2]	1000 ml/m3 [0,1 Vol%]	2500 ml/m3 [0,25 Vol%]			
	[2, 12, 12, 12, 12, 12, 12, 12, 12, 12, 1				
Performances (at 30 l/min)					
Performance against gases	Gases of reference	EN 403:2004 requirements	Typical values		
EN 403)	0.0000		EN-test conc. / Other conc.		
(EN 403)	propenal [C3H4O]	15 min	40 min		
	hydrogen chloride [HCI]	15 min	200 min		
	hydrocyanic acid [HCN]	15 min	500 min/ >20 min		
	carbon monoxide [CO]	15 min	> 20 min		
Performance against gases	Gases of reference		Typical values / Other conc.		
(internal)					
	ammonia [NH3]	-	40 min/ > 20 min		
	chlorine [Cl2]	-	10 min/ > 6 min		
	cyclohexane [C6H12]	-	7 min		
	hydrosulfide [H2S] 2500 ppm	-	> 25 min		
	hydrosulfide [H2S] 5000 ppm	-	> 25 min		
	sulfur dioxide [SO2]	-	100 min/ 20 min		
		EN 403:2004 requirements	Typical values		
ŭ ;	Particles of reference	·			
ŭ ;	Particles of reference sodium chloride [NaCl]	6%	1,40%		
P2	Particles of reference	·			
P2 Material	Particles of reference sodium chloride [NaCl] Paraffin oil	6%	1,40%		
P2 Material Hood	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC	6%	1,40%		
P2 Material Hood Neck seal	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton	6%	1,40%		
P2 Material Hood Neck seal	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET	6%	1,40%		
P2 Material Hood Neck seal Lens	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET NR natural rubber, grey	6% 6%	1,40%		
P2 Material Hood Neck seal Lens	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET	6% 6%	1,40%		
P2 Material Hood Neck seal Lens Inner mask Filtering element	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET NR natural rubber, grey	6% 6%	1,40%		
Performance against particle P2 Material Hood Neck seal Lens Inner mask Filtering element Details/Special Information Storage conditions & time	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET NR natural rubber, grey	6% 6% iivated carbon Factory sealed in foil bag under proper storage condi	1,40% 1,50%		
Material Hood Neck seal Lens Inner mask Filtering element Details/Special Information	Particles of reference sodium chloride [NaCl] Paraffin oil Coated PVC Cotton PET NR natural rubber, grey Filtering paper / impregnated act	ivated carbon Factory sealed in foil bag under proper storage condi The maximum shelf time is 10 years [4 + 4 + 2 years]	1,40% 1,50%		
Material Hood Neck seal Lens nner mask Filtering element Details/Special Information Storage conditions & time	Particles of reference sodium chloride [NaCI] Paraffin oil Coated PVC Cotton PET NR natural rubber, grey Filtering paper / impregnated act -5 °C to +50°C, < 90 % r. h.	6% 6% iivated carbon Factory sealed in foil bag under proper storage condi	1,40% 1,50% itions maintenance-free for 4 years for class S		



SmokeHood

Technical Datasheet

lame	Smoke Hood				
Part Numbers	B1440005				
art Numbers	B1440003				
aulium aaaaudium ta FNI	TN 402-2004 Class C. designed	to be atomad			
arking according to EN	EN 403:2004 Class S: designed				
onditions of use	• Fire escape hood for one-time		- EV		
		mbient air which should only be used in areas			
	where there is an adequate level of oxygen				
	. , ,	ing requirements of the oil production			
	industry, for self rescue				
naracteristics					
eight (g)	630 [ready for use]				
imensions HxBxD [mm] approx.	200 x 110 x 80 (pouch)				
onnection	hood with integrated half mask				
reathing Resistance					
	at	EN 403:2004 requirements	Typical values		
halation resistance approx.	95 I / min	8 mbar	6,25 mbar		
khalation resistance approx.	95 I / min	3 mbar	1,92 mbar		
oncentration of Testing Gases a	cc. To EN403				
<u> </u>	Standard Concentration	Other concentration	Breakthrough Concentration		
openal (acrolein) [C3H4O]	100 ml/m3 [0,01 Vol%]		0.5 ml/m3		
ydrogen chloride [HCI]	1000 ml/m3 [0,1 Vol%]		5 ml/m3		
ydrocyanic acid [HCN]	400 ml/m3 [0,04 Vol%]	2500 ml/m3 [0,25 Vol%]	10 ml/m3		
		2500 111/1115 [0,25 vol76]			
arbon monoxide [CO]	2500 ml/m3 [0,25 Vol%]		200 ml/m3		
oncentration of Testing Gases (i	nternal tests, not certified, for inf				
	Test Concentration	Other concentration			
mmonia [NH3]	2000 ml/m3 [0,2 Vol%]	5000 ml/m3 [0,5 Vol%]			
hlorine [CI2]	1000 ml/m3 [0,1 Vol%]	2500 ml/m3 [0,25 Vol%]			
yclohexane [C6H12]	2500 ml/m3 [0,25 Vol%]				
ydrosulfide [H2S]	2500 ml/m3 [0,25 Vol%]	5000 ml/m3 [0,5 Vol%]			
ulfur dioxide [SO2]	1000 ml/m3 [0,1 Vol%]	2500 ml/m3 [0,25 Vol%]			
erformances (at 30 l/min)					
erformance against gases	Gases of reference	EN 403:2004 requirements	Typical values		
EN 403)			EN-test conc. / Other conc.		
(E14 400)	propenal [C3H4O]	15 min	40 min		
	hydrogen chloride [HCI]	15 min	200 min		
	hydrocyanic acid [HCN]	15 min	500 min/ >20 min		
	carbon monoxide [CO]	15 min	> 20 min		
aufarmanaa againat gaasa	Gases of reference	13 111111	-		
erformance against gases	Gases of reference		Typical values / Other conc.		
nternal)			40		
	ammonia [NH3]	-	40 min/ > 20 min		
	chlorine [CI2]	-	10 min/ > 6 min		
	cyclohexane [C6H12]	-	7 min		
	hydrosulfide [H2S] 2500 ppm	-	> 25 min		
	hydrosulfide [H2S] 5000 ppm	-	> 25 min		
	sulfur dioxide [SO2]	-	100 min/ 20 min		
erformance against particle	Particles of reference	EN 403:2004 requirements	Typical values		
2	sodium chloride [NaCl]	6%	1,40%		
	Paraffin oil	6%	1,50%		
aterial					
ood	PVC/Polyester/Cotton				
eck seal	Rubber				
ens	PVC				
ner mask					
	NR natural rubber, grey Filtering paper / impregnated activated carbon				
Itering element	Filtering paper / impregnated act	uvateu cardon			
etails/Special Information					
torage conditions & time	- 5 °C to + 50°C, < 90 % r. h. Factory sealed in foil bag under proper storage conditions main		rage conditions maintenance-fre		
			for 4 years.		
		The maximum shelf time is 10 years [4 + 4	+ 2 years] for class S devices		
arning: These values must not be	annlied as basis for the performen	ce times, they are exclusively an indication that	at the hood protocte against these		