MSR1



Technical Datasheet

Description	1.105			
lame	MSR 1			
Part Number	D2264700			
Marking according to	ABEK-15 DIN 58647.7			
Conditions of use	• 15 min escape device, specially des			
	case of sudden and unexpected outbreaks of toxic gases or			
	vapours at the workplace.			
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Characteristics				
Weight, in carrying container [g]	440			
Veight, ready for use [g]	310			
Dimensions HxBxD [mm]	160 x 96 x 78			
Connection	half mask with integrated filter			
Breathing Resistance				
	At	DIN 58647.7 requirements	Typical values	
nhalation resistance approx	95 I / min	8 mbar	4,4 mbar	
xhalation resistance approx.	95 I / min	5 mbar	1,0 mbar	
Concentration of Testing Gases				
6H12 [Cyclohexane]	2500 ml/m3 [0,25 Vol%]			
Cl2 [Chlorine]	2500 ml/m3 [0,25 Vol%]			
l2S [Hydrogen sulfide]	2500 ml/m3 [0,25 Vol%]			
ICN [Hydrogen cyanide]	2500 ml/m3 [0,25 Vol%]			
SO2 [Sulfur dioxide]	2500 ml/m3 [0,25 Vol%]			
NH3 [Ammonia]	2500 ml/m3 [0,25 Vol%]			
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l2S [Hydrogen sulfide]	10000 ml/m3 [1,0 Vol%]			
Performances				
H2S [Hydrogen sulfide] Performances Performance against gases	Gases of reference	DIN 58647.7 requirements	Typical values	
Performances	Gases of reference Cyclohexane (C6H12)	15 min	60 min	
Performances	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2)	15 min 15 min	60 min 52 min	
Performances	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S)	15 min 15 min 15 min	60 min 52 min 65 min	
Performances	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN)	15 min 15 min 15 min 15 min	60 min 52 min 65 min 55 min	
Performances	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2)	15 min 15 min 15 min 15 min 15 min 15 min	60 min 52 min 65 min 55 min 32 min	
Performances	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3)	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
Performances Performance against gases	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2)	15 min 15 min 15 min 15 min 15 min 15 min	60 min 52 min 65 min 55 min 32 min	
Performances Performance against gases Material	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%]	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
Performances Performance against gases Material Nose cup	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%] NR natural rubber, black	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
Performances Performance against gases Material Nose cup Head harness	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%] NR natural rubber, black rubber strap	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
Performances Performance against gases Material Nose cup Head harness Filter housing	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%] NR natural rubber, black rubber strap Aluminium	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
Performances Performance against gases Ilaterial Lose cup Lead harness Elter housing Eltering material	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%] NR natural rubber, black rubber strap	15 min	60 min 52 min 65 min 55 min 32 min 40 min	
erformances erformance against gases laterial ose cup ead harness ilter housing	Gases of reference Cyclohexane (C6H12) Chlorine (Cl2) Hydrogen sulfide (H2S) Hydrogen cyanide (HCN) Sulfur dioxide (SO2) Ammonia (NH3) Hydrogen sulfide (H2S) [1,0 Vol%] NR natural rubber, black rubber strap Aluminium	15 min	60 min 52 min 65 min 55 min 32 min 40 min	

against these gases, but only within the DIN 58647-T7. The minimum service time is 15 minutes, depending on conditions. The storage life is factory sealed 4 years.

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MSR2





Description		
Name	MSR 2	
Part Number	D2264701	n.
Marking according to	ABEK P-15 - DIN 58647.7	
Conditions of use	15 min escape device, specially designed for self rescue in case of sudden and unexpected outbreaks of toxic gases or vapours at the workplace.	MSR 2
Labels		

Characteristics						
	450					
Weight, in carrying container [g]	450					
Weight, ready for use [g]		330				
Dimensions HxBxD [mm]	160 x 96 x 84					
Connection	half mask with integrated filter					
Breathing Resistance						
	At	DIN 58647.7 requirements	Typical values			
Inhalation resistance approx	95 I / min	8 mbar	6,0 mbar			
Exhalation resistance approx.	95 I / min	5 mbar	1,0 mbar			
Concentration of Testing Gases						
C6H12 [Cyclohexane]	2500 ml/m3 [0,25 Vol%]					
Cl2 [Chlorine]	2500 ml/m3 [0,25 Vol%]					
H2S [Hydrogen sulfide]	2500 ml/m3 [0,25 Vol%]					
HCN [Hydrogen cyanide]	2500 ml/m3 [0,25 Vol%]					
SO2 [Sulfur dioxide]	2500 ml/m3 [0,25 Vol%]					
NH3 [Ammonia]	2500 ml/m3 [0,25 Vol%]					
H2S [Hydrogen sulfide]	10000 ml/m3 [1,0 Vol%]					
Performances						
Performance against gases	Gases of reference	DIN 58647.7 requirements	Typical values			
	Cyclohexane (C6H12)	15 min	60 min			
	Chlorine (Cl2)	15 min	52 min			
	Hydrogen sulfide (H2S)	15 min	65 min			
	Hydrogen cyanide (HCN)	15 min	55 min			
	Sulfur dioxide (SO2)	15 min	32 min			
	Ammonia (NH3)	15 min	40 min			
	Hydrogen sulfide (H2S) [1,0 Vol9	5 min	16 min			
Performance against particles	Particles of reference	EN 143 requirements	Typical values			
P	Sodium chloride (NaCl)	6%	1,20%			
	Paraffin oil	6%	1,50%			
Material						
Nose cup	NR natural rubber, black					
Head harness	rubber strap					
Filter housing	Aluminium	·				
Filtering material	filtering paper / impregnated activated carbon					
Details/Special Information						
Storage conditions & time	- 5 °C to + 50°C, < 90 % r. h.	4,0 years				

These values must not be applied as basis for the performance times, they are exclusively an indication that the MSR1 protects against these gases, but only within the DIN 58647-T7.

The minimum service time is 15 minutes, depending on conditions.

The storage life is factory sealed 4 years.

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