mini SCAPE® Escape Respirator

Technical Data Sheet



Using the proven filtering media TabTec® technology, the MSA mini SCAPE is a single use escape device with 5 minutes of service time. It protects against hazardous gases of the types A, B, E and K.
The mini SCAPE is equipped with a mouthpiece and nose clip. Small and handy, the mini SCAPE fits into the pocket of a lab overall or any working clothes. It can also be carried on the belt, with the very practical integrated belt clip. In case of emergency, it can be donned very quickly and is operational immediately.



■ Carrying Case



■ mini SCAPE escape respirator ready for deployment

Conditions of Use

- Short-term filtering escape device for one-time use only
- Using the latest filtering media TabTec technology
- Applicable in areas where toxic gases and vapours could leak
- Small and handy, fits into the pockets of any work clothing or can be belt carried with the integrated belt clip
- Hygienic and convenient carrying case allows easy distribution to different persons, for example visitors and workers

CHARACTERISTICS	DESCRIPTION
NAME	mini Scape
PART NUMBER	10038560
MARKING ACCORDING TO EN	ABEK 5 according to DIN 58647 T7
WEIGHT (g)	• mini SCAPE unit: 130 • Unit with carrying case: 190
DIMENSIONS HxBxD (mm)	112 x 85 x 65 in carrying case including belt clip
CONNECTION	Mouthpiece directly connected to the filter housing with the attached nose clip

MATERIALS	
CARRYING CASE	Polypropylene
FILTER HOUSING	Polypropylene
FILTERING MATERIAL	Impregnated activated carbon
MOUTHPIECE	Silicone
NOSECLIP	NBR, grey

Concentration and Performance Against Gases

BREATHING RESISTANCE		
AT	DIN 58647-T7 REQUIREMENTS	TYPICAL VALUES
30 l / min	8 mbar	< 2,5 mbar

TESTING GASES	CONCENTRATION	DIN 58647-T7 REQUIREMENTS	TYPICAL VALUES
Cyclohexane (C_6H_{12})	2500 ml/m³ (0,25% vol)	5 min	> 15 min
Chlorine (Cl_2)	2500 ml/m³ (0,25% vol)	5 min	10-15 min
Hydrogen sulfide (H_2S)	2500 ml/m³ (0,25% vol)	5 min	> 15 min
Hydrocyanic acid (HCN)	2500 ml/m³ (0,25% vol)	5 min	15 min
Sulfur dioxide (SO_2)	2500 ml/m³ (0,25% vol)	5 min	10-12 min
Ammonia (NH_3)	2500 ml/m³ (0,25% vol)	5 min	8-10 min
Hydrogen sulfide [H_2S]	10000 ml/m³ (1,00 % vol.)	2 min	> 5 min

SPECIAL INFORMATION	
STORAGE CONDITIONS AND 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 miniSCAPE protects against these gases, but only within the DIN 58647-T7	

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit https://us.msasafety.com/Trademarks.

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1000-0004-EU / 08.2025
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