

Industrial S-CAP™ Hood

Technical Data Sheet



This highly visible, one-size-fits-all yellow hood offers protection against toxic gases from industrial gas leaks. The easy-to-use unit dons quickly and features a nose cup for a wide variety of head and face sizes, while the cotton neck seal ensures a tight fit. The high-performance filter offers thorough protection, while the wide lens provides an increased field of vision and the low breathing resistance reduces claustrophobia.



■ Industrial S-CAP in pouch



■ Deployed Industrial S-CAP Hood

Conditions of use

15 minute escape device, especially designed for self-rescue in case of sudden and unexpected outbreaks of industrial toxic gases or vapours at the workplace 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.

WE KNOW WHAT'S AT STAKE.

Concentration and Performance Against Gases

TESTING GASES	CONCENTRATION	DIN 58647.7 REQUIREMENTS	TYPICAL VALUES
C6H12 [Cyclohexane]	2500 ml/m ³ [0.25 Vol.-%]	15 min	60 min
Cl ₂ [Chlorine]	2500 ml/m ³ [0.25 Vol.-%]	15 min	46 min
H ₂ S [Hydrogen sulphide]	2500 ml/m ³ [0.25 Vol.-%]	15 min	50 min
HCN [Hydrogen cyanide]	2500 ml/m ³ [0.25 Vol.-%]	15 min	67 min
SO ₂ [Sulphur dioxide]	2500 ml/m ³ [0.25 Vol.-%]	15 min	30 mins
NH ₃ [Ammonia]	2500 ml/m ³ [0.25 Vol.-%]	15 min	46 min
H ₂ S [Hydrogen sulphide]	10000 ml/m ³ [1.0 Vol.-%]	5 min	15 min

NOTE: Industrial S-CAP Hood - Technical Specifications – April 2025 Page 1/2 Subject to change without notice.

PERFORMANCE AGAINST PARTICLES	PARTICLES OF REFERENCE	EN 143 REQUIREMENTS	TYPICAL VALUES
P	Sodium chloride (NaCl) aerosol	6% (max penetration)	1.10%
P	Paraffin oil aerosol	6% (max penetration)	1.30%

SPECIAL INFORMATION

STORAGE CONDITIONS AND TIME - 5 °C to + 50°C, < 90 % r. h.

These values must not be applied as basis for the performance times, they are exclusively an indication that the Industrial S-CAP Hood protects against these gases, but only within the DIN 58647-7: 1997. The maximum service time is 15 minutes, depending on conditions. The storage life is factory sealed 4 years. Factory sealed in foil bag under proper storage conditions maintenance-free for 4 years

NOTE: Industrial S-CAP Hood - Technical Specifications – April 2025 Page 2/2 Subject to change without notice.

CHARACTERISTICS	DESCRIPTION
MARKING	DIN 58647-7-ABEK P15
WEIGHT (G)	513 (ready for use)
DIMENSIONS HXBXD [MM] APPROX.	310 x 180 x 230 wall box 285 x 155 x 125 pouch 240 x 120 x 110
CONNECTION	Hood with integrated half mask

MATERIALS	
HOOD	Coated PVC
NECK SEAL	Cotton
LENS	PET
INNER MASK	Natural rubber, grey
FILTER HOUSING	Aluminium
FILTERING MATERIAL	Filtering paper / impregnated activated carbon

BREATHING RESISTANCE			
	AT	DIN 58647.7 REQUIREMENTS	TYPICAL VALUES
Inhalation resistance approx.	95 l/min	8 mbar	5.4 mbar
Exhalation resistance approx.	95 l/min	5 mbar	1.0 mbar

ORDERING INFORMATION			
PART NUMBER	TYPE	CLASS	DESCRIPTION
10206624	ABEK-P	15	Industrial S-CAP Hood in Wall box (suitable for stationary storage)
10206625	ABEK-P	15	Industrial S-CAP Hood in pouch with strap (suitable for carrying along)
10206623	ABEK-P	15	Industrial S-CAP Hood in pouch (suitable for using with hip belt/ carrying along)

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>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://us.msasafety.com/offices).