

Datasheet

Escape respirators



With Safety.

H 900 ABEK 15

Article-Number: 202400

Escape hood very easy to use that allows escaping from the polluted area in case of fire. The device is provided with filter for organic vapours with boiling point higher than 65°C, inorganic gases and vapours, acid gases, Sulphur Dioxide, Ammonia and its organic derivatives. The respirator is contained in a practical bag in antistatic fabric with belt loops, ring for wall application and side rings for shoulder use and thanks to its reduced weight and size it can be carried for a complete shift so that it can be rapidly worn in case of accident.

H 900 is made up of antistatic materials that make it suitable for use in potentially explosive atmospheres, or when the danger of a potential explosion is associated with the presence of gas or dust on the surface (thus excluding mines or deep quarries). Below are the details of the ATEX marking: II 1G Ex h IIC T6 Ga -> non-electrical appliances intended for use in the surface industry, where there is the possibility of explosive atmospheres due to the presence of gas - Zone 0 II 1D Ex h IIC T85 °C -> non-electrical appliances intended for use in the surface industry, where there is the possibility of explosive atmospheres due to the presence of dust - Zone 20.



TECHNICAL DATA

Breathing resistance of complete device H 900 A2B2E2K2P3 (DIN 58647-7)

Test flow	Breathing resistance (mbar)	
	Max. standard	Measured
Inhalation 20 cycles/min x 1.5 l/stroke	8	2.7
Exhalation 20 cycles/min x 1.5 l/stroke	5	1.2

Gas performance of filter A2B2E2K2P3 (EN 14387)

Type of filter	Class	Gas test	Test conc. (ppm)	Test flow (l/min)	Test H.R. (%)	Duration (min)	
						Required	Measured
A	2	C ₆ H ₁₂	5000	30	70	35	48
B	2	Cl ₂	5000	30	70	20	32
		H ₂ S	5000	30	70	40	47
		H ₂ S	10000*	30	70	-	14
		HCN	5000	30	70	25	> 38
E	2	SO ₂	5000	30	70	20	28
K	2	NH ₃	5000	30	70	40	52

* test not required by EN 14387

Performance particle filtration of filter A2B2E2K2P3 (EN 143)

Type of filter	Test flow (l/min)	Test Aerosol	Penetration (%)	
			Max. standard	Measured
P3	95	NaCl	0.05	0.0008
		Paraffin oil	0.05	0.008

Revision 12.2023 – Errors and omissions excepted. All data are non-binding guide values.

BartelsRieger Atemschutztechnik GmbH

Richard-Byrd-Straße 23 | 50829 Cologne | Phone +49 (0)221 59777-0 | mail@bartels-rieger.de | www.bartels-rieger.de

Ust.-IdNr. DE 815603312 | St.-Nr. 217/5811/1510 | Reg.-Gericht Köln | HRB 54098 | Managing Director: Tobias Rutt

Limitations for use:

Do not use in areas where the oxygen concentration is lower than 17 % in volume nor in presence of gases different from those clearly indicated. The filter isn't suitable for the protection against organic vapours whose boiling point is lower than 65 °C, Carbon Monoxide (CO), Nitrogen Oxides, dusts, fumes and mists etc. The respirator, for standard definition, is designed for single use only.

Classifications:

Respirator complying with the provisions of Regulation PPE (EU) 2016/425/EU. Filtering device for self-rescue against ABEK gases class 15 minutes, according to DIN 58647-7 standard. Non-electrical equipment as defined in Atex Directive 2014/34/EU.

Marking:



Materials:

Bag: Antistatic PVC
Hood: PVC coated cotton with PU collar and anti-fog treated PC visor
Half-mask: Silicone
Filter housing: Polypropylene
Filter media: Activated carbon

Storage:

Store at temperatures between -20 and +50 °C and RH < 80%

Weight:

Respirator: approx. 480 g
Respirator and bag: approx. 670 g

Dimensions/Packing:

The respirator, in its container, is sold singularly in a plastic bag which also includes the information notice. Dimensions of the respirator in its container: 130 x 120 x 300 mm.

Shelf life:

Respirators duly stored and in their original packaging will last five years from production. The expiry date is stamped onto the filter label and on the respirator container. Upon expiration it is possible to extend the shelf life of the product for another five years, upon check by SPASCIANI or authorised dealer.

Revision 12.2023 – Errors and omissions excepted. All data are non-binding guide values.

BartelsRieger Atemschutztechnik GmbH

Richard-Byrd-Straße 23 | 50829 Cologne | Phone +49 (0)221 59777-0 | mail@bartels-rieger.de | www.bartels-rieger.de

Ust.-IdNr. DE 815603312 | St.-Nr. 217/5811/1510 | Reg.-Gericht Köln | HRB 54098 | Managing Director: Tobias Rutt