

# HALF MASK MOLDEX 7000 - A2P2

## SERIES 7000

**Size S**

 **7001**  
**7004 Silicone**

**Size M**

 **7002**  
**7005 Silicone**

**Size L**

 **7003**  
**7006 Silicone**

### CHARACTERISTICS



**Extremely Lightweight**



**Easy to clean. Easy maintenance.**

Easily accessible components. Clear design and surfaces.



**EasyLock® filter system**

No additional parts needed.



**100% PVC-FREE**

All Moldex products and packaging are 100% PVC-free.

### EASYLOCK®



Gas filters		Particulate filters		Pre-assembled filter combinations	
Article	Type of filter	Article	Type of filter	Article	Type of filter
9100	A1	9010	P1 R	9120	A1P2 R
9200	A2	9020	P2 R	9230	A2P3 R
9300	ABE1	9030	P3 R	9430	ABEK1P3 R
9400	ABEK1	9022	P2 R + O <sub>2</sub>	9730	ABEK1HgP3 R D
9500	A2B2E1	9032	P3 R + O <sub>2</sub>		
9600	AX				
9800	ABEK2*				

\*EN 14387 weight limitation: ABEK2 + P2 or P3 restricted to full face mask.

### CERTIFICATION

The Moldex Series 7000 meet the requirements of EN140:1998. The products are CE-marked in accordance with the requirements of EU regulation (EU)2016/425. The IFA (0121) in St. Augustin (Germany) is responsible for type examination (Module B) and monitoring of production (Module D).

The products are manufactured in an ISO 9001 certified plant.

### MATERIAL

**Face piece 7001/7002/7003:** Thermoplastic Elastomere (TPE)

**Face piece 7004/7005/7006:** Silicone rubber

**Head Strap:** Polypropylene (PP) + Lycra

**Clip:** Polypropylene (PP)

**Inhalation valve:** Natural rubber

**Exhalation valve:** Silicone rubber

### WEIGHT

**7001:** 98 g    **7002:** 98 g    **7003:** 100 g  
**7004:** 124 g    **7005:** 126 g    **7006:** 133 g

### TESTING

The respirators of the Moldex 7000 Series have been tested to EN 140:1998 and fulfil all requirements of the relevant categories of the norm.

#### Inward leakage of face piece

Ten test subjects wearing respirators perform a variety of exercises on a treadmill. During the exercises the amount of aerosol that penetrates the filter, the face seal and the valve are sampled.

The inward leakage of the test contaminant must not exceed a value of 5% of the inhaled air with 46 out of 50 test exercises. 8 out of 10 average values must not exceed 2% of the total inward leakage.

#### Flammability

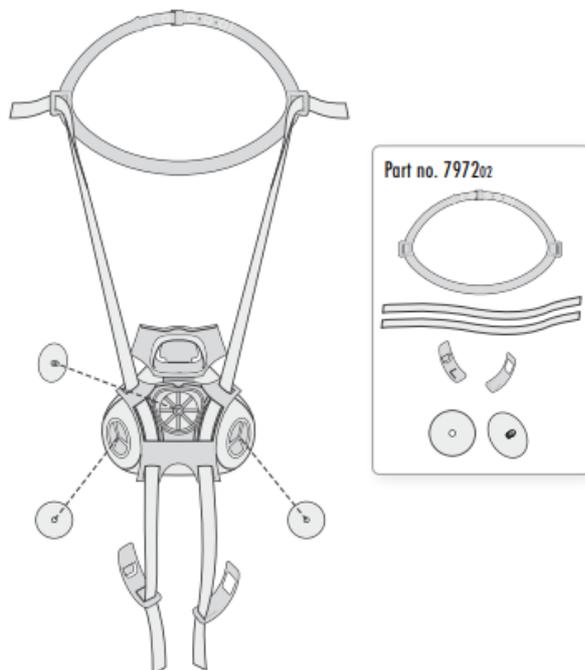
The face piece is passed through a 800°C (+/- 50°C) flame with a speed of 6 cm/s. After passing through the flame the face piece has to self-extinguish.

# HALF MASK MOLDEX 7000 - A2P2

## IMPORTANT INFORMATION FOR USERS

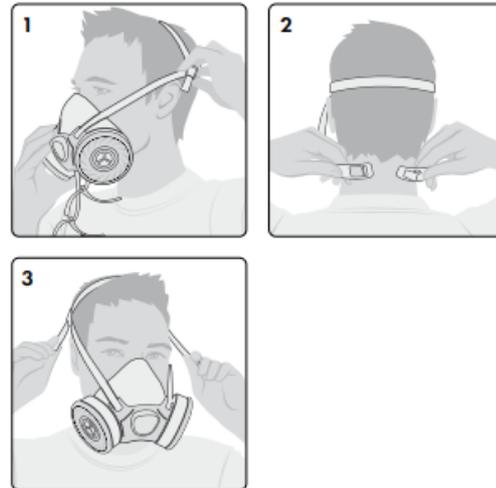
- This breathing apparatus does not supply oxygen (O<sub>2</sub>)
- The product does not contain any metallic parts that could cause ignition in potentially explosive atmospheres.
- If you have any questions about how to use the product, please contact MOLDEX-METRIC.
- You must also observe the relevant rules and regulations when using respiratory equipment.
- Under certain circumstances, individuals with beards, long sideburns or other anomalies in the area around the sealing lines, may be unable to achieve a properly sealing fit.
- The masks must not be modified in anyway.
- Read the instruction manual before using the mask. Failure to comply with these instructions on how to use the product and failure to wear the respiratory protection in the polluted area may negatively impact on the health of the user and lead to permanent injury.
- **Caution: Do not use filter equipment in unventilated containers and confined spaces.**

## SPARE PARTS

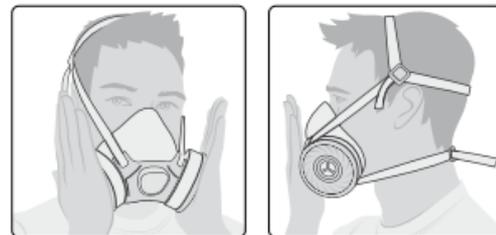


Part no.	Description
797202	Head Harness + Diaphragm kit

## INSTRUCTIONS FOR FITTING



## CHECK OF FACESEAL



## LOCK MODE / DROP DOWN MODE



## INFO

For help on selection and training please contact us. We offer a wide range of training packages and support material.

MOLDEX-METRIC AG & Co. KG  
Tübinger Straße 50  
72141 Walldorfhüslach  
Germany

Tel.: +49 (0) 71 27/81 01-02  
Fax: +49 (0) 71 27/81 01-48  
info@moldex-europe.com  
www.moldex-europe.com

# HALF MASK MOLDEX 7000 - A2P2

## FOR SERIES 7000 AND 9000 MASKS

### Gas filters



**9100** A1      **9500** A2B2E1  
**9200** A2      **9600** AX  
**9300** ABE1    **9800** ABEK2  
**9400** ABEK1

### Particulate filters



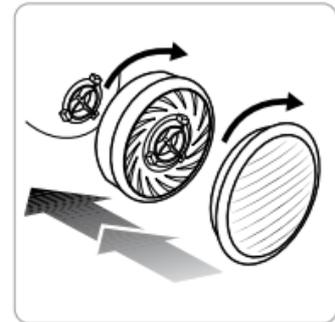
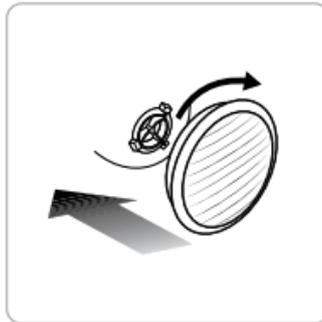
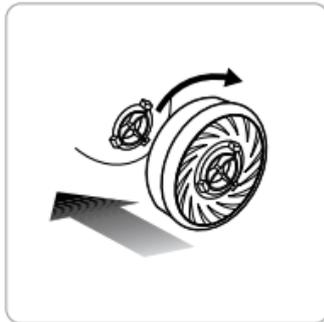
**9010** P1 R  
**9020** P2 R  
**9022** P2 R+Ozone  
**9030** P3 R  
**9032** P3 R+Ozone

### Pre-assembled filters



**9120** A1P2 R  
**9230** A2P3 R  
**9430** ABEK1P3 R  
**9730** ABEK1HgP3 R D

## EASYLOCK® FILTER SYSTEM



### CHARACTERISTICS

- Particulate filters can either be directly combined with the EasyLock® gas cartridges or directly connected with the mask body.
- Easy handling as no adapters or particulate filter holders are necessary with the Moldex EasyLock®-System.
- The unique Moldex Pleated Filter Technology reduces breathing resistance and considerably increases the capacity of the particulate filters.
- The pre-assembled filter combinations offer the simplicity of combined filters and are more economical at the same time due to exchangeable pre-filters.
- Simpler logistics, on average 30% less parts are required with the EasyLock®-System.
- 100% PVC-FREE: All Moldex products and packaging are 100% PVC-free

### CERTIFICATION

The EasyLock® filters meet the requirements of EN 14387:2004 + A1:2008 and EN 143:2000 + A1:2006. The products are CE-marked in accordance with the requirements of EU regulation (EU)2016/425. The IFA (0121) in St. Augustin (Germany) is responsible for type examination (Module B) and monitoring of production (Module D).  
 The products are manufactured in an ISO 9001 certified plant.

### MATERIAL

**Particulate filter:** Polypropylene  
**Particulate filter 9022, 9032:** Polypropylene, activated carbon  
**Particulate filter holder:** Polypropylene  
**Gas filter:** Activated carbon  
**Gas filter cartridge:** Polystyrene

### WEIGHT (A PIECE)

<b>9100:</b> 66 g	<b>9600:</b> 112 g	<b>9030:</b> 30 g	<b>9730:</b> 127 g
<b>9200:</b> 87 g	<b>9800:</b> 134 g	<b>9032:</b> 27 g	
<b>9300:</b> 67 g	<b>9010:</b> 16 g	<b>9120:</b> 84 g	
<b>9400:</b> 92 g	<b>9020:</b> 17 g	<b>9230:</b> 117 g	
<b>9500:</b> 109 g	<b>9022:</b> 24 g	<b>9430:</b> 122 g	

### IMPORTANT INFORMATION FOR USERS

- The mask and the filters must be selected in accordance with the pollutant concentration. (see tables 1,2 and 3)
- In the case of gases with insufficient warning properties, filters may only be used if special usage policies are specified for this purpose.
- If the conditions are uncertain or changeable, a self-contained breathing apparatus must be worn.
- The product does not contain any metallic parts that could cause ignition in potentially explosive atmospheres.

# HALF MASK MOLDEX 7000 - A2P2

## SERVICE LIFE OF THE CARTRIDGES AND PARTICULATE FILTERS

If you can smell gases or vapours when you use the gas filters, they are exhausted and must be replaced (no later than 6 months after the original packaging is opened). Replace the particulate filter if the breathing resistance increases dramatically. The filters must always be replaced in pairs. You must adhere to the use-by-date.

### STORAGE

Keep the filters sealed in a dry, uncontaminated environment. Protect them against sunlight and sources of heat.

### FILTERS QUALIFY AS HAZARDOUS WASTE

They must be disposed of in accordance with the applicable waste disposal regulations. Information is provided by your local responsible authority.

## GAS FILTER MODEL EN 14387 table 1

Model	Colour	Area of application
A	Brown	Organic gases and vapours, boiling point > 65°C
B	Grey	Inorganic gases and vapours
E	Yellow	Acid gases (e.g. sulphur dioxide, hydrochloric acid)
K	Green	Ammonia
AX	Brown	Organic vapours boiling point ≤ 65°C
Hg P3	Red-White	Mercury

**CAUTION:** AX filters must only be used once. Low-boiling gases (≤ 65°C) generally bind poorly with gas filters. This may result in shorter periods in service. Please refer to the relevant national regulations for information about the maximum permissible application concentrations and times for the individual compounds. Only use with vapours with good warning properties.

AX filters do not offer adequate protection against various low-boiling gases. If you have any questions about how to use AX filters, please contact Moldex.

The filter 9730 ABEK1Hg P3 have a maximum use time of 50h against mercury.

## GAS FILTER CLASS EN 14387 table 2

Class	Maximum use level with half mask Series 7000	Maximum use level with full face mask Series 9000
1	1000 ppm (0.1 percent by volume) or 30 x WEL*	1000 ppm (0.1 percent by volume) or 400 x WEL*
2	5000 ppm (0.5 percent by volume) or 30 x WEL*	5000 ppm (0.5 percent by volume) or 400 x WEL*

\* WEL = Workplace Exposure Limit

whichever is lower

## PARTICULATE FILTER CLASS EN 143:2000 + A1:2006 table 3

Class	Maximum use level with halfmask Series 7000	Maximum use level with fullmask Series 9000
P1 R	4 x WEL *	4 x WEL *
	Fine dusts, fumes, water and oil based mists/aerosols	
P2 R	10 x WEL *	15 x WEL *
	Hazardous fine dusts, water and oil based mists/ aerosols, Biological agents of risk group 2	
P3 R	30 x WEL *	400 x WEL *
	Harmful and carcinogenic dusts, water and oil based mists/ aerosols, biological agents of risk group 2 and 3, CMR-substances	
P2 R + P3 R + Ozone	In addition to the particle filtering efficiency these filters also offer protection against ozone; at 1000ppb ozone a maximum use time of 8h.	

\* WEL = Workplace Exposure Limit

**R:** The filters are reusable.

Due to the low weight of filters of less than 150 g per filter (-combination) all filters can be used for both, the full face mask and the half mask.

Exception: Art.No. 9800 ABEK2 combined with 9030 P3 or 9020 P2 particulate filters is intended to be used with full face mask only.

### INFO

For help on selection and training please contact us. We offer a wide range of training packages and support material.

MOLDEX-METRIC AG & Co. KG  
Tübinger Straße 50  
72141 Walddorfhäslach  
Germany

Tel.: +49 (0) 71 27/81 01-02  
Fax: +49 (0) 71 27/81 01-48  
info@moldex-europe.com  
www.moldex-europe.com