Air Series (3505)

FFP3 NR

3505 with Ventex®-valve

Datasheet
FFP masks

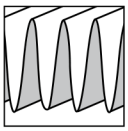
Protection against Dust, Mist & Fumes

CHARACTERISTICS

ActivForm®
Automatically fits to the face.
No manual adjustments by the user are necessary.

DuraMesh®
Masks have a strong and durable structure.

Ventex®-valve
Starts to open even at low exhalation pressure and significantly reduces moisture and heat inside the mask.



Low breathing resistance
Pleated filter technology reduces inhalation resistance by up to 50% whilst maintaining filtration performance.

Full face seal
3D face seal - like a rubber half mask - improves fit and provides optimum wearing comfort.

Adjustable Clip
Easy on & off; Adjustable strap for optimal fit and wearer comfort.

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

NR (non reusable) = Single use.
Comfortable and durable throughout the whole shift

CERTIFICATION

The Moldex Air FFP-masks meet the requirements of EN149:2001+A1:2009 and are CE-marked in accordance with the requirements of European Directive 89/686/EEC. The IFA (0121) Germany is responsible for both type examination (Article 10) and monitoring of production (Article 11B).
The products are manufactured in an ISO 9001:2000 certified plant.

MATERIALS

Filter Layer, Inner Shell, DuraMesh®: Polypropylene, Ethylene-vinyl acetate (EVA)
Cushion Seal: TPE
Head Strap: Polyester, Natural Rubber
Ventex®-valve: Natural Rubber

WEIGHT

3505: 42 g

AREAS OF USE

Level	WEL	Hazard type
		Examples
FFP3	20 x	FINE TOXIC DUSTS, FUMES, WATER AND OIL BASED MISTS/AEROSOLS
		As FFP2 but to higher concentrations, plus Brick Dust, Cement, Concrete Dust, Portland Cement, Particulate Welding Fumes (no very toxic metals), Silica, Ceramic Fibres, Chromate, Chromium, Cobalt, Nickel, Micro Organisms, radioactive and biochemical active Aerosols

(WEL = Workplace Exposure Limit)

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TESTING ACCORDING TO EN 149:2001 + A1:2009

Total inward leakage

Ten test subjects perform a variety of exercises. During the exercises the amount of test aerosol that penetrates the filter, face seal and valve are sampled. The total inward leakage of 8 out of 10 test subjects shall not exceed the following levels:

Category	FFP3
max. total inward leakage	2 %

The filter penetration after loading the filter with 120 mg paraffin oil according to DIN EN 149:2001 + A1:2009 shall not exceed the following levels:

Category	FFP3
max. Filter penetration	1 %

Flammability

4 respirators are passed through a 800°C (+/- 50°C) flame with a speed of 6 cm/s. After passing through the flame the respirator has to self-extinguish.

Breathing Resistance

The breathing resistance produced by the filter of the respirator is tested at an airflow of 30 l/min and 95 l/min.

Category	**max. breathing resistance**	
	30 l / min	**95 l / min**
FFP3	1,0 mbar	3,0 mbar

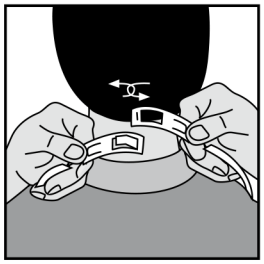
INSTRUCTIONS FOR USE

- The user has to be trained and instructed in wearing the mask.
- FFP masks do not protect against gases and vapours.
- The oxygen concentration of the ambient atmosphere should be at 19,5 % Volume.
- These respirators may not be used if the concentration type, and properties of contaminants in the ambient atmosphere are unknown or at dangerous levels.
- Respirators should be disposed if damaged, if the breathing resistance becomes high due to clogging.
- Never tamper with, alter or modify the respirator.

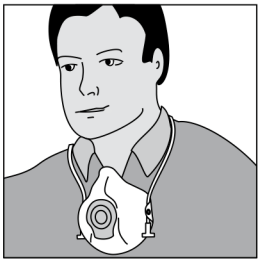
INSTRUCTIONS FOR FITTING

1.

4. Ensure respirator fits secure and comfortable. To fasten respirator pull strap at either side of the buckle.



2. Fasten the two buckles at the back of the neck.



5. Unbuckle to take off. During work breaks open the buckles and let the mask hang around the neck.

3. Place respirator on chin and lift upper strap to place on back of neck.

INFO

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

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