

DATASHEET

FFP MASKS

PROTECTION AGAINST DUST, MIST & FUMES



AIR PLUS ProValve

FFP2 R D

 **3308** with ProValve

FFP3 R D

 **3408** with ProValve

CHARACTERISTICS



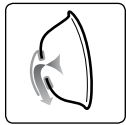
ActivForm®

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



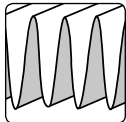
DuraMesh®

Masks have a strong and durable structure.



ProValve

New built-in valve reduces condensation from exhaled air.



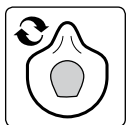
Low breathing resistance

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



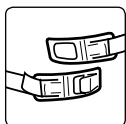
Full face seal

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



R* - Reusable

The full face seal can be wiped clean and gives the option of using the mask for more than one shift.



Adjustable Strap & Flexible Clip

Extra wide size adjustable straps. Flexible clip for more comfort.



Dolomite clogging test

Masks have passed the Dolomite clogging test, giving the user better breathing resistance for longer.



100% PVC-FREE

All Moldex products and packaging are completely free from PVC.

*R = Reusable. Can be cleaned, disinfected and used for more than one shift

CERTIFICATION

The Moldex Air Plus FFP-masks meet the requirements of EN 149:2001+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 certified plant.

MATERIALS

Filter Layer, Inner Shell, DuraMesh®: Polypropylene, Ethylene-vinyl acetate (EVA)

Nose Seal, Clip: Polyethylene

Head Strap: Polyester, Lycra

ProValve: Polypropylene, Synthetic Rubber

WEIGHT

3308: 42 g

3408: 42 g

AREAS OF USE

Level	WEL	Hazard type Examples
FFP2	12 x	HAZARDOUS FINE DUSTS, WATER AND OIL BASED MISTS/ AEROSOLS, BIOLOGICAL AGENTS OF RISK GROUP 2
		Toxic dusts, aluminum oxide, bauxite, borax, brick dust, cement, gypsum, calcium oxide, concrete dust, granite, mould, wood dust (softwood), zinc oxide fume
FFP3	50 x	HARMFUL AND CARCINOGENIC DUSTS, WATER AND OIL BASED MISTS/ AEROSOLS, BIOLOGICAL AGENTS OF RISK GROUP 2 AND 3, CMR-SUBSTANCES
		As FFP2 but at higher concentrations, plus carcinogenic substances, ceramic fibres, brake dust, chromates, lead dust and fume, chromium, cobalt, nickel, wood dust (hardwood), micro organisms, radioactive and biochemical active aerosols, enzymes, viruses

(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	max. total inward leakage
FFP2	8 %
FFP3	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	max. Filter penetration
FFP2	6 %
FFP3	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

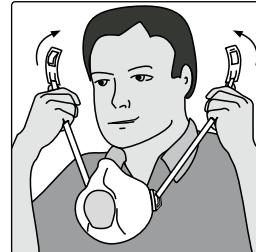
The breathing resistance produced by the filter of the respirator is tested at an airflow of 30 l/min and 95 l/min.

Category	max. breathing resistance according to EN 149	
	30 l / min	95 l / min
FFP2	0,7 mbar	2,4 mbar
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 least 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.

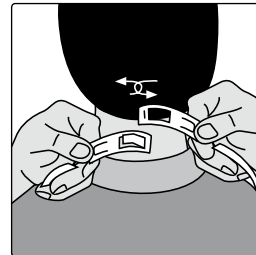
INSTRUCTIONS FOR FITTING



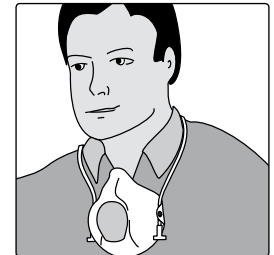
1.



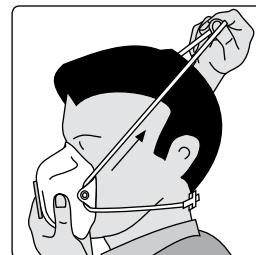
4. Ensure respirator fits secure and comfortable. To fasten respirator pull strap at either side of the buckle.



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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