DATASHEET

FFP MASKS

PROTECTION AGAINST DUST, MIST & FUMES

AIR SEAL SERIES

FFP3 R D

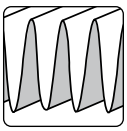
3705 with Ventex®-valve

CHARACTERISTICS

ActivForm®
Mask adapts to the shape of the wearer's face.

DuraMesh®
Robust mesh structure that preserves the mask's shape.

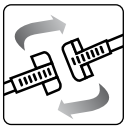
Ventex®-Valve
Extra large opening to reduce heat and humidity inside the mask.



AirWave® Filter
Long-life pleated filter for noticeably reduced breathing resistance.

Foam face seal
Soft foam full face seal for a comfortable and secure fit.

R = Reusable
The mask can be cleaned, disinfected and used for more than one shift.



Clip & loop strap
Mask can be hung around the neck when not in use.

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.

CERTIFICATION

The Moldex Air Seal FFP-masks meet the requirements of EN 149:2001 +A1:2009. 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.

MATERIALS

Filter Layer, Inner Shell, DuraMesh®: Polypropylene, Ethylene-vinyl acetate (EVA)
Foam Seal: Polyolefin
Clip: Polyethylene
Head Strap: Polyester, Lycra
Ventex®-Valve: Natural Rubber

WEIGHT

3705: 28 g

AREAS OF USE

Level	WEL	Hazard type Examples
FFP3	50 x	HARMFUL AND CARCINOGENIC DUSTS, WATER AND OIL BASED MISTS/ AEROSOLS, BIOLOGICAL AGENTS OF RISK GROUP 2 AND 3, CMR-SUBSTANCES Non-toxic and toxic dusts, carcinogenic substances, ceramic fibres, brake dust, chromates, lead dust and fume, 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
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
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

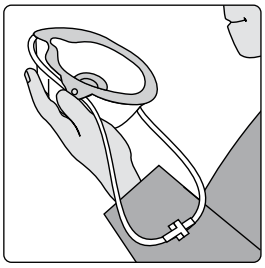
The breathing resistance produced by the filter of the respirator is tested at an airflow of 30 l/min and 95 l/min.

Category	max. breathing resistance according to EN 149	
	30 l / min	95 l / min
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.

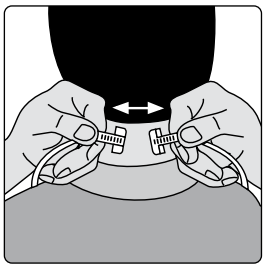
INSTRUCTIONS FOR FITTING



1. Pull strap to form a large loop.

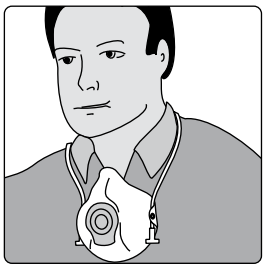
4. Adjust strap by pulling loop on strap.

2. Place respirator on chin and pull loop over head tight to the neck.



5. During breaks unclip strap.

3. Pull upper strap and place on back of head.



6. Let mask hang around your 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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