

FFP3 NR D



Type of uses (*)

FFP3: protection against non-toxic, low-to-average toxicity and high toxicity solid and liquid aerosols (e.g. oil-mists) in concentrations up to 50 x MAC/OEL/TLV, [i.e. NPF=50] or 20 x WEL, [i.e. APF=20]
For protection against dust of glass wool, rock wool, against lead, chromium, soft wood, metal fumes, bacteria (Legionella)...
Can be used in industry, construction, sectors of the wood, metallurgy, health ...

MAC = Maximum Admissible Concentration OEL = Occupational Exposure Limite
TLV = Threshold Limit Value APF = Assigned Protection Factor

Technical features

- ✓ **Designation:** Filtering face-piece respirator.
Filters solid and liquid aerosols. Single-use.
Conical shape. «Big eye» design. Adjustable nosepiece.
Buckle adjustment. Facial foam. Exhalation valve.
- ✓ **Material:** non-woven polypropylene.
- ✓ **Color:** white.
- ✓ **Classification:** FFP3 NR D.
- ✓ **Expiry date:** if maintained as per storage instructions, product can be used up to 5 years from date of manufacture.
- ✓ **Packing:** - carton de 12 boxes.
- boxes of 5 units.
- each mask under individual polybag.



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Advantages

- ✓ Passes EN149:2001 optional Dolomite (D) clogging test for more comfortable breathing.
- ✓ Unique «Big Eye» design provides very low breathing resistance due to the increased filtration area.
- ✓ Polypropylene outer layer provides smooth lining and avoids loose fibers.
- ✓ Embossed fringe seal avoids fluffy open layer around the edges.
- ✓ Contour design ensures the compatibility of spectacles/goggles and reduces fogging.
- ✓ Adjustable nosepiece ensures custom shape and increases worker comfort and acceptance.
- ✓ Improved contour fit with adjustable buckles. Easy breathing/Speaking. Clear vision. Free maintenance (disposable item).
- ✓ Better breathing provided by the exhalation valve. Production **ISO9001** and **ISO14001**.

Protection
against
**solid and liquid
aerosols**

Conformity

This product has been tested according to European Standards **EN149: 2001 +A1: 2009**.

Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.

It complies with the European Directive **89/686/EEC** on Personal Protective Equipment (**PPE**) for complex design.

EC type examination certificate and art 11 issued by the **BSI**, Notified Body **No. 0086**.

EN149: requirements	FFP1	FFP2	FFP3
Total inward leakage	< 22%	< 8%	< 2%
Maximum penetration of test aerosol (Sodium chloride or paraffin oil)	< 20%	< 6%	< 1%
Breathing resistance			
- inhalation (30 l/min)	< 0,6 mbar	<0,7 mbar	< 1,0 mbar
- inhalation (95 l/min)	< 2,1 mbar	< 2,4 mbar	< 3,0 mbar
- exhalation (160 l/min)	< 3,0 mbar	< 3,0 mbar	< 3,0 mbar

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