

FFP3 NR D

>> Type of uses (\*)

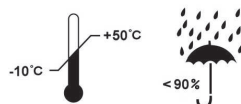
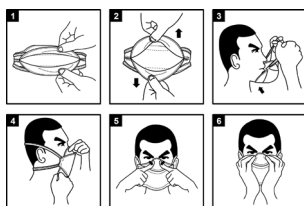
**FFP3:** protection against non-toxic, low-to-average toxicity and high toxicity solid and liquid aerosols (e.g. oil-mists) in concentrations up to 50 x MAC/OEL/TLV, [i.e. NPF=50] or 20 x WEL, [i.e. APF=20] For protection against dust of glass wool, rock wool, against lead, chromium, soft wood, metal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

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

>> Technical features

- ✓ **Designation :** Premium filtering face-piece respirator. Filters solid and liquid aerosols. Single-use (NR). **3 panels design.** Latex free double elastic band. Adjustable invisible nosepiece to minimise leakage but maximise comfort. Comfortable nose foam pad. Horizontal fold-flat. Exhalation valve.
- ✓ **Material :** non-woven polypropylene.
- ✓ **Color :** yellow.
- ✓ **Classification :** FFP3 NR D.
- ✓ **Lifespan :** if stored under the conditions of storage, up to 5 years from the date of manufacture.
- ✓ **Packing :** - carton de 12 boxes.  
- customized box of 20 pieces.  
- each mask under individual polybag.

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>> Main advantages

- ✓ Comfort and safety improved thanks to the ideal concept in 3 panels of this equipment. Large volume and exhalation valve improving the breathing of the user and decreasing the fatigue at work.
- ✓ Foldable design and easy carry/storage. Individually hygienically packed.
- ✓ Sealed edge avoids fluffy open layers and eliminates the possibility of irritation.
- ✓ Soft edges can fit different facial shapes with minimum leakage. Exhalation valve lessens heat build-up and provides greater comfort.
- ✓ Light wear and comfortable. Easy breathing/Speaking. Clear vision. Free maintenance (disposable item).
- ✓ Passes EN 149:2001 optional Dolomite (symbol « D ») clogging test for more comfortable breathing and high reliability.
- ✓ Smooth lining in polypropylene. Comfortable nose foam pad.
- ✓ Reliability of an ISO9001 manufacturing.
- ✓ ISO 14001 Environmental Management system to be more environmentally friendly.

>> Conformity

This product has been tested according to the following European Standard:

- **EN 149: 2001 +A1: 2009.** Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.

It complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III.**

EU type examination certificate (**module B**) issued by **BSI (Netherlands)**. Notified body **n°2797**.

The PPE is subject to the conformity assessment procedure based on internal production control plus supervised product checks at random intervals (**Module C2**) set out in Annex VII under surveillance of **BSI**. Notified body **n°2797**.

Download the EU declaration of conformity on: <http://docs.singer.fr>

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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