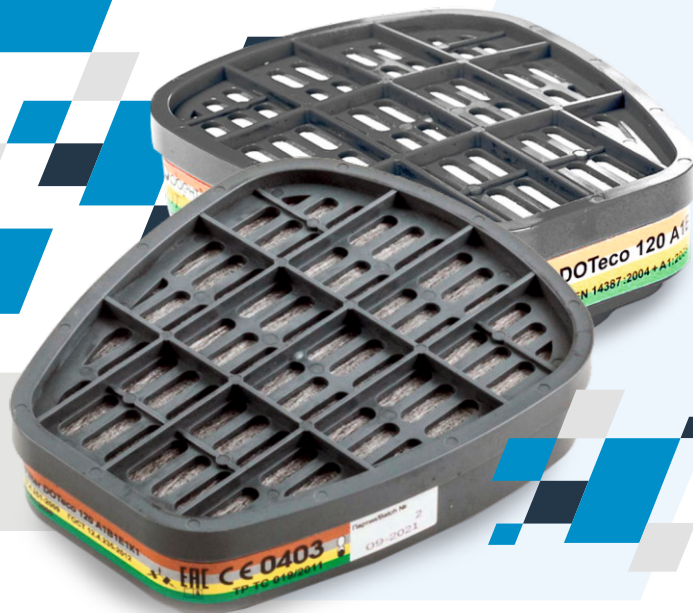


## UNIX series filters with bayonet connection



### PURPOSE AND CONDITIONS OF USE

UNIX series filters with bayonet connection are designed to clean the inhaled air from harmful vaporous and gaseous substances and particles as part of full face masks and half-masks of UNIX series. Filters are applied when the volume content of oxygen in the air is not less than 17%.

### AVAILABLE RANGE:

1. Gas filters of UNIX 500 series protect from one or more harmful substances.
2. Particle filters UNIX 203 P3 D.
3. Particle filters UNIX 213 P3 protect against particles and harmful gases and vapors up to 1 PEL.
4. Particle filters UNIX 223 P3 protect against particles and harmful gases and vapors up to 1 PEL.
5. Particle filters UNIX 303 P3 D filter of the closed type, designed for operation in conditions of high humidity.
6. Particle prefilters UNIX P1, P2, P3 together with gas filters of UNIX 500 series provide combined protection. Join them with a retainer.

### CERTIFICATES

Filters of UNIX 500 series, UNIX 203 P3 D, UNIX 303 P3 D filters comply with the basic safety requirements in accordance with Regulation 2016/425 (Annex II) and are CE marked.

Filters UNIX 213 P3 D correspond to the essential safety requirements in accordance with the Regulation 2016/425 and are CE marked.

Compliance with regulations:

1. gas filters of UNIX 500 series : EN14387:2004+A1:2008.
2. particle filters UNIX 203 P3 D, UNIX 213 P3 D, UNIX 223 P3 D, UNIX 303 P3 D, prefilters UNIX P1, P2, P3: EN143:2000 /A1:2006.

## OPERATIONAL LIMITATIONS

1. UNIX series filters can only be used with panoramic masks and UNIX series isolating half masks.
2. It is forbidden to use filters in conditions of possible lack of oxygen in the air (for example, in tanks, wells and other isolated areas of this type).
3. Do not use filters that have expired.
4. Do not keep the filter close to heating systems and heating appliances.

## REPLACEMENT OF FILTERS

- **Gas filters**  
replace if you feel the smell of harmful substances in the inner mask space;
- **Particle filters**  
replace if you feel sharp difficulty of breathing.

## GUARANTEED SHELF LIFE

- Gas filters of UNIX 500 series – 5.5 years
- Particle filters UNIX 203 P3 D - 3.5 years
- Particle filters UNIX P1, P2, P3, UNIX 213 P3 D, UNIX 223 P3 D, UNIX 303 P3 D – 5.5 years

# SELECT THE RIGHT PROTECTION

## ● Panoramic masks



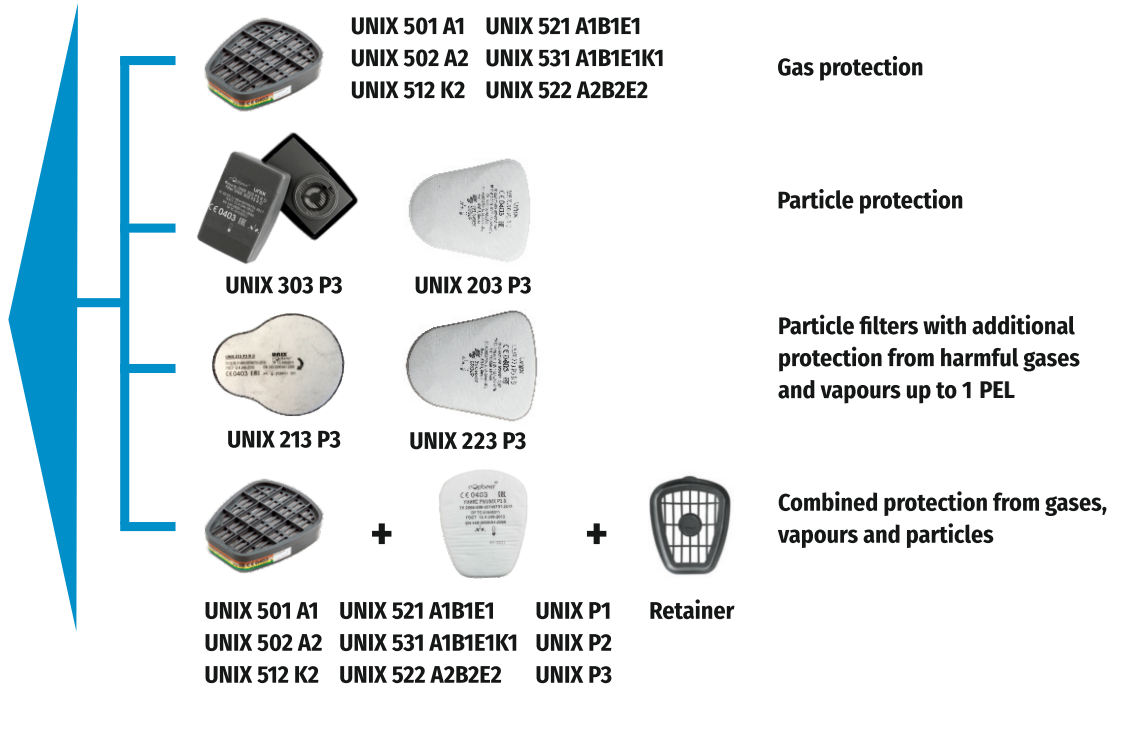
Panoramic mask  
UNIX 6100



Panoramic mask  
UNIX 5100



Panoramic mask  
UNIX 5000



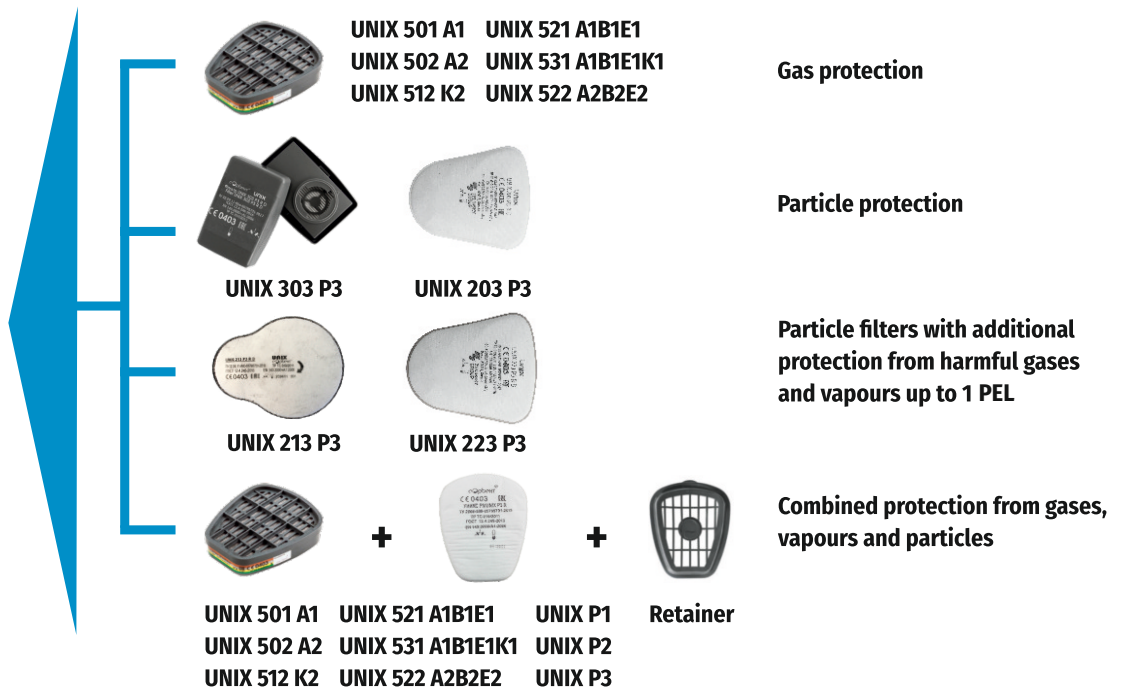
## ● Isolating half-masks







Isolating half mask  
UNIX 1100



Isolating half mask  
UNIX 1000



FILTER	COLOR	STANDARD	PROTECTION AGAINST	INDUSTRIAL FIELD
UNIX 501 A1 UNIX 502 A2		EN 14387:2004 +A1:2008	Organic gases and vapours with a boiling point >65° C	<ul style="list-style-type: none"> <li>- Motor industry</li> <li>- Aircraft construction and aircraft repair</li> <li>- Shipbuilding</li> <li>- Production and use of ink and dyes</li> <li>- Painting works</li> <li>- Production and use of glue</li> <li>- Production of paints and varnishes</li> <li>- Production and use of resins</li> </ul>
UNIX 512 K2		EN 14387:2004 +A1:2008	Ammonia and its organic derivatives	<ul style="list-style-type: none"> <li>- Production and maintenance of equipment</li> <li>- Spraying and processing of agricultural chemicals</li> </ul>
UNIX 521 A1B1E1  UNIX 522 A2B2E2		EN 14387:2004 +A1:2008	Combination of organic gases and vapours with a boiling point >65° C, inorganic and acid gases	<ul style="list-style-type: none"> <li>- Motor industry</li> <li>- Aircraft construction and aircraft repair</li> <li>- Shipbuilding</li> <li>- Production and use of ink and dyes</li> <li>- Painting works</li> <li>- Production and use of glue</li> <li>- Production of paints and varnishes</li> <li>- Production and use of resins</li> <li>- Electrolysis production</li> <li>- Acid cleaning</li> <li>- Metal etching</li> <li>- Metal engraving</li> </ul>
UNIX 531 A1B1E1K1		EN 14387:2004 +A1:2008	Combination of organic gases and vapours with a boiling point >65° C, inorganic, acid gases and ammonia	<ul style="list-style-type: none"> <li>- Motor industry</li> <li>- Aircraft construction and aircraft repair</li> <li>- Shipbuilding</li> <li>- Production and use of ink and dyes</li> <li>- Painting works</li> <li>- Production and use of glue</li> <li>- Production of paints and varnishes</li> <li>- Production and use of resins</li> <li>- Electrolysis production</li> <li>- Acid cleaning</li> <li>- Metal etching</li> <li>- Metal engraving</li> <li>- Production and maintenance of equipment</li> <li>- Spraying and processing of agricultural chemicals</li> </ul>

FILTER	COLOR	STANDARD	PROTECTION AGAINST	INDUSTRIAL FIELD
UNIX 203 P3 D	<input type="checkbox"/>	EN 143:2000 / A1:2006	Particles (dust, fume, mist)	<ul style="list-style-type: none"> <li>- Pharmaceutical substances / powder chemicals</li> <li>- Construction/quarrying</li> <li>- Ceramics/refractory materials</li> <li>- Foundry</li> <li>- Agriculture</li> <li>- Woodworking</li> <li>- Food industry</li> </ul>
UNIX 213 P3 D	<input type="checkbox"/>	EN 143:2000 / A1:2006	Particles (dust, fume, mist) + additional protection from harmful gases and vapours up to 1 TLV	<ul style="list-style-type: none"> <li>- Welding</li> <li>- Paper industry</li> <li>- Brewing</li> <li>- Chemical treatment</li> <li>- Ordinary smog</li> <li>- Inks and dyes</li> </ul>
UNIX 223 P3 D	<input type="checkbox"/>	EN 143:2000 / A1:2006	Particles (dust, fume, mist) + additional protection from harmful gases and vapours up to 1 PEL	<ul style="list-style-type: none"> <li>- Welding</li> <li>- Paper industry</li> <li>- Brewing</li> <li>- Chemical treatment</li> <li>- Ordinary smog</li> <li>- Inks and dyes</li> </ul>
UNIX 303 P3 D	<input type="checkbox"/>	EN 143:2000 / A1:2006	Particles (dust, fume, mist)	<ul style="list-style-type: none"> <li>- Pharmaceutical substances / powder chemicals</li> <li>- Construction/quarrying</li> <li>- Ceramics/refractory materials</li> <li>- Foundry</li> <li>- Agriculture</li> <li>- Woodworking</li> <li>- Food industry</li> </ul>
UNIX P1, P2, P3	<input type="checkbox"/>	EN 143:2000 / A1:2006	Particles (dust, fume, mist)	<ul style="list-style-type: none"> <li>- Pharmaceutical substances / powder chemicals</li> <li>- Construction/quarrying</li> <li>- Ceramics/refractory materials</li> <li>- Foundry</li> <li>- Agriculture</li> <li>- Woodworking</li> <li>- Food industry</li> </ul>