

# PERSONAL PROTECTIVE EQUIPMENT 2025

Respiratory protection  
Insulating gloves  
Hand skin protection





*Protection you can trust.*

# LEGEND

## DEFINITIONS OF KEY TERMS RELATED TO RESPIRATORY HAZARDS

To ensure effective respiratory protection, it is important to understand the types of contaminants that may be encountered.

Below, we explain the most commonly used terms related to workplace hazards:

### 1. Dust

Dust refers to small solid particles suspended in the air, often generated during processes such as grinding, drilling, cutting, or excavation. Respirable dust—particles small enough to penetrate deep into the lungs—can cause serious health issues, such as pneumoconiosis. Examples include dust from cement, wood, metal, and coal dust, commonly found in the mining or energy industries.



DUST

### 2. Smoke

Smoke is a mixture of fine solid and liquid particles suspended in gases, created during the combustion of materials. It may contain toxic substances that irritate the respiratory system or pose health risks. Examples include welding smoke or smoke produced during the combustion of plastics, paints, or fuels.



FUMES

### 3. Mist

Mist consists of tiny liquid droplets suspended in the air, often resulting from spraying, evaporation, or condensation. It can be neutral, like water mist, or harmful, such as oil mist, chemical mist, or mist generated during crop spraying. Mists from pesticides and other plant protection products may contain toxic chemical substances that pose a respiratory hazard.



MIST

### 4. Vapor

Vapor is a gas formed by the evaporation of liquids or sublimation of solids. While water vapor is generally harmless, chemical vapors, such as acetone, toluene, or ammonia, can be toxic, irritating, or flammable. Inhaling such vapors can lead to serious health risks.



VAPORS

### 5. Gas

Gas is a state of matter that fills the available space entirely. While some gases, like oxygen, are essential for life, others, such as carbon dioxide, ammonia, or hydrogen sulfide, can be harmful or even deadly. In workplaces with toxic or asphyxiating gases, the use of specialized respiratory protection is essential.



GASES

*Our products are designed to provide effective protection against these hazards. The above definitions aim to help you better understand the types of contaminants that may be present in the workplace and how to classify them to select the appropriate respiratory protection.*

# INDEX

## 1. ● RESPIRATORY PROTECTION

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*p.* **6**

## 2. ● ELECTRO-INSULATING PRODUCTS

---

*p.* **56**

## 3. ● HAND SKIN PROTECTION

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*p.* **66**

## **NEOSEC 3000 FFP3 RESPIRATOR**

### **SECURA 3000 REUSABLE HALF-MASK RESPIRATOR**

SECURA 3000 + P1 PARTICULATE FILTER	p.	<b>11</b>
SECURA 3000 + P2 PARTICULATE FILTER	p.	<b>11</b>
SECURA 3000 + P3 PARTICULATE FILTER	p.	<b>11</b>
SECURA 3000 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER	p.	<b>12</b>
SECURA 3000 + 3000.04 P3 PLEATED PARTICULATE FILTER	p.	<b>12</b>
SECURA 3000 + A1 GAS FILTER	p.	<b>13</b>
SECURA 3000 + A2 GAS FILTER	p.	<b>13</b>
SECURA 3000 + ABEK1 MULTI-GAS FILTER	p.	<b>13</b>
SECURA 3000 + B2 GAS FILTER	p.	<b>13</b>
SECURA 3000 + E2 GAS FILTER	p.	<b>14</b>
SECURA 3000 + K2 GAS FILTER	p.	<b>14</b>
SECURA 3000 + COMBINATED FILTER	p.	<b>14</b>

### **SECURA 3100 REUSABLE HALF-MASK RESPIRATOR**

SECURA 3100 + P1 PARTICULATE FILTER	p.	<b>23</b>
SECURA 3100 + P2 PARTICULATE FILTER	p.	<b>23</b>
SECURA 3100 + P3 PARTICULATE FILTER	p.	<b>23</b>
SECURA 3100 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER	p.	<b>24</b>
SECURA 3100 + 3000.04 P3 PLEATED PARTICULATE FILTER	p.	<b>24</b>
SECURA 3100 + A1 GAS FILTER	p.	<b>25</b>
SECURA 3100 + A2 GAS FILTER	p.	<b>25</b>
SECURA 3100 + ABEK1 MULTI-GAS FILTER	p.	<b>25</b>
SECURA 3100 + B2 GAS FILTER	p.	<b>25</b>
SECURA 3100 + E2 GAS FILTER	p.	<b>26</b>
SECURA 3100 + K2 GAS FILTER	p.	<b>26</b>
SECURA 3100 + COMBINATED FILTER	p.	<b>26</b>

### **SECURA 3200 REUSABLE HALF-MASK RESPIRATOR**

SECURA 3200 + P1 PARTICULATE FILTER	p.	<b>35</b>
SECURA 3200 + P2 PARTICULATE FILTER	p.	<b>35</b>
SECURA 3200 + P3 PARTICULATE FILTER	p.	<b>35</b>
SECURA 3200 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER	p.	<b>36</b>
SECURA 3200 + 3000.04 P3 PLEATED PARTICULATE FILTER	p.	<b>36</b>
SECURA 3200 + A1 GAS FILTER	p.	<b>37</b>

SECURA 3200 + A2 GAS FILTER	p.	<b>37</b>
SECURA 3200 + ABEK1 MULTI-GAS FILTER	p.	<b>37</b>
SECURA 3200 + B2 GAS FILTER	p.	<b>37</b>
SECURA 3200 + E2 GAS FILTER	p.	<b>38</b>
SECURA 3200 + K2 GAS FILTER	p.	<b>38</b>
SECURA 3200 + COMBINATED FILTER	p.	<b>38</b>

### **SECURA 3000 RESPIRATORY PROTECTION KITS**

SECURA 3000 LAK KIT BOX	p.	<b>46</b>
SECURA 3000 ADR KIT BOX	p.	<b>46</b>
SECURA 3000 E EVACUATION KIT	p.	<b>47</b>

### **SECURA 3100 RESPIRATORY PROTECTION KITS**

SECURA 3100 DUST KIT BOX	p.	<b>48</b>
SECURA 3100 LAK KIT BOX	p.	<b>48</b>
SECURA 3100 CHEM KIT BOX	p.	<b>49</b>

### **SECURA 3000 RESPIRATORY PROTECTION KITS IN BLISTER PACKS**

SECURA 3000 LAK KIT BLISTER	p.	<b>50</b>
SECURA 3000 ADR KIT BLISTER	p.	<b>50</b>
SECURA 3000 DUST KIT BLISTER	p.	<b>51</b>

### **SECURA 3100 RESPIRATORY PROTECTION KITS IN BLISTER PACKS**

SECURA 3100 LAK KIT BLISTER	p.	<b>51</b>
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### **PROTECTIVE HOOD SECURA 3000**

p. **52**

### **EVACUATION HOOD SECURA 3000 ABEK1 P3**

p. **53**

### **EVACUATION HOOD SECURA 3000 K2 P3**

p. **54**



# NEOSEC 3000

FFP3 R RESPIRATOR

**SIZE** UNIVERSAL  
**PP+PL** BODY



DUST



FUMES



MIST



► **ERGONOMICALLY DESIGNED TO FIT ANY FACE COMFORTABLY AND SECURELY**

► **HEADBAND DESIGNED FOR A SECURE COMFORTABLE FIT (NO UNCOMFORTABLE EAR-HOOKS)**

► **EXTENDED FILTRATION SURFACE FOR LOW BREATH RESISTANCE**

► **EASY TO CARRY:**


- FOLDABLE
- LIGHTWEIGHT
- THE FLAT FLEXIBLE PACKAGING FITS IN ANY POCKET

► **SAFE**

- HIGH-QUALITY FILTRATION MATERIAL FROM AN EU FACTORY
- MOULDABLE NOSE CLIP FOR OPTIMAL SEAL AND COMFORT
- THE BRAIDED RUBBER HEADBAND IS EASY TO SET AND SECURE

**NEOSEC 3000 FFP3 R** respirator class FFP3 R is designed to protect respiratory system against harmful effects of dust, solid and liquid aerosols provided that the concentration of the dispersed phase of aerosol does not exceed 30 x OEL (Occupational Exposure Limit).

Examples of application are: high concentrations of respirable dust, welding and soldering, protection against dust containing beryllium, antimony, arsenic, cadmium, cobalt, nickel, radium, strychnine, radioactive particles, bacteria and viruses.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S5133000	NEOSEC 3000 - respirator class FFP3 R	Pcs	100	

## FUNCTIONAL PARAMETERS

Class according to EN 149+A1:2009	FFP3
Penetration of filtering material by sodium chloride aerosol or oil mist	≤ 1%
Total leakage	≤ 2%
Initial inhalation resistance at a flow of 95 l/min	≤ 300 Pa
Initial exhalation resistance 160 l/min	≤ 300 Pa

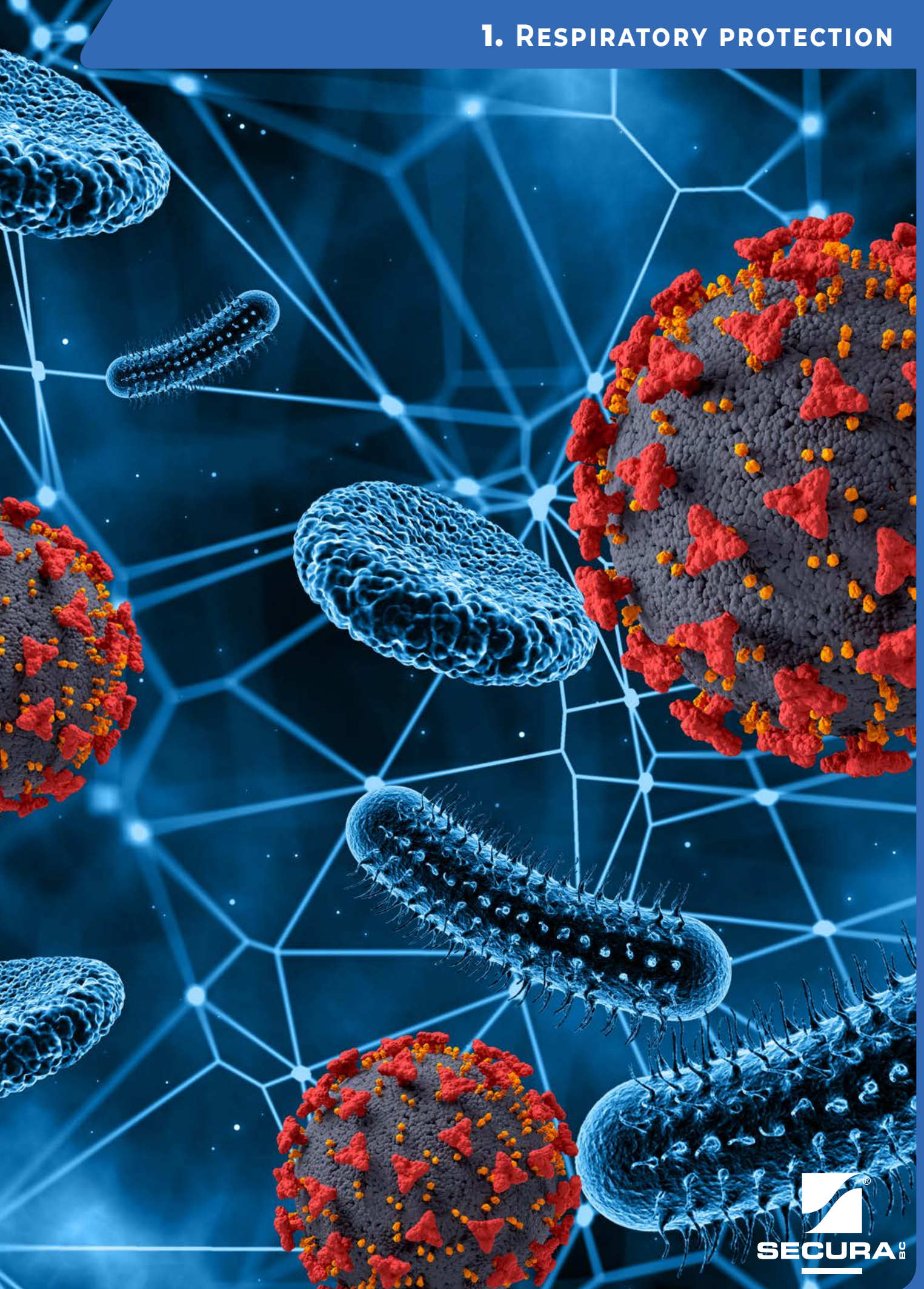
## REQUIREMENTS

- "R" means that the product is intended for multiple use Class according to EN 149+A1:2009.





# 1. RESPIRATORY PROTECTION



**SECURA** BC

# SECURA 3000

## REUSABLE HALF-MASK RESPIRATOR

S



M



L



**2**  
INHALING  
VALVES

**RUBBER  
SILICONE**  
BODY



DUST



FUMES



MIST



VAPORS



GASES



► **A MODERN DESIGN, WITH A SMALL NUMBER OF COMPONENTS, ENSURES EASE OF USE AND CLEANING**

► **A NEW HEAD STRAP PROVIDES MAXIMUM COMFORT EVEN IN THE MOST DIFFICULT WORKING CONDITIONS**

► **BAYONET LOCK FOR FAST AND RELIABLE CARTRIDGE MOUNTING**

► **MADE FROM BEST QUALITY MATERIALS, WITH A SILICONE FACEPIECE**

► **EASY FASTENING BOTTOM STRAP WITH PROTECTIVE HAIR GUARD**

**SECURA 3000** respirator, complete with appropriate filtering elements protects against the harmful effects of aerosols (dust, fumes, mists), vapors, and gases.

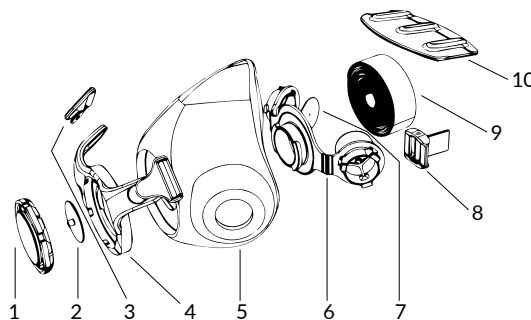
**SECURA 3000** respirator consists of a body, two inhalation valves with bayonet connectors for filtering elements, an exhalation valve, and a head strap.

**SECURA 3000** respirator is made of high-quality materials with a silicone facepiece and a one-piece textile head strap. Thanks to his innovative design and a small number of components, the respirator is easy to use and clean. One-piece, textile head strap, easy to put on and adjust, ensures maximum working comfort even in the most difficult conditions. The bayonet connection adjust provide a quick and secure mounting of filters.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56TOSSO	SECURA 3000 respirator with silicone facepiece and one-piece head strap, size S	Pcs	18 pcs
S56TOSMO	SECURA 3000 respirator with silicone facepiece and one-piece head strap, size M	Pcs	18 pcs
S56TOSLO	SECURA 3000 respirator with silicone facepiece and one-piece head strap, size L	Pcs	18 pcs

### CONSTRUCTION

1. EXHALATION VALVE COVER
2. EXHALATION VALVE
3. HEAD HARNESS CLASPS
4. EXHALATION VALVE RING
5. BODY MADE OF SILICONE
6. VALVE INSERT
7. INHALATION VALVE
8. BUCKLE
9. HEAD HARNESS TEXTILE TAPE
10. HEAD HARNESS





### REQUIREMENTS



- The relevant Union harmonization legislation: Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC;
- Harmonized European Standard EN 140:1998.

## VARIANT OF USAGE



### ► SECAIR 3000 + P1 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.01 P1 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P1 class filters:</b> coal mining, stone (granite, marble etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling and application the lime, cement, artificial fertilizers, raw materials for glass, and ceramic industry, rubber industry etc.</p>	 <p>DUST MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets





### ► SECAIR 3000 + P2 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.02 P2 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P2 class filters:</b> mining of minerals containing free silica, processing of metal ores (iron, copper, zinc, lead), melting and casting metals (excl. zinc and lead), electric welding, machining of aluminum and its alloys, cutting and grinding of hard wood, production of fodder and pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

### ► SECAIR 3000 + P3 PARTICULATE FILTER





HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.03 P3 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 30 x OEL (Occupational Exposure Limit).</p> <p><b>Typical applications of P3 class filters:</b> metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dusts and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ► SECURA 3000 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER

HALF-MASK	FILTER	APPLICATION
 	 <p><b>SECAIR 2000.10 P3 A Particle filter</b> in combination with half-mask respirator protects the respiratory system against the harmful effects of dust, fumes, and mists. The concentration of the dispersed phase of aerosol may not exceed 30 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of the SECAIR 2000.10 P3 A filters:</b>                      Metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting, or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dust and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products, and odors and unpleasant smells of organic substances.</p> <p><b>Filter has an additional layer of carbon fiber providing protection against odors and unpleasant smells and allows the use of protective equipment in an atmosphere contaminated with organic substances, provided that their concentration does not exceed the OEL value.</b></p>	 <p>DUST FUMES MIST</p>

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S52326S2	SECAIR 2000.10 P3 A particulate filter with carbon layer	set (2 pcs)	100 sets

## ► SECURA 3000 + 3000.04 P3 PLEATED PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION
 	 <p><b>SECAIR 3000.04 P3 Particulate Filter</b> protects against the harmful effects of dust, solid and liquid aerosols, provided that the concentration of dispersed phase of the aerosol does not exceed:</p> <ul style="list-style-type: none"> <li>• 20 x OEL (Occupational Exposure Limit) with half mask respirator;</li> <li>• 1000 x OEL (Occupational Exposure Limit) with full face mask.</li> </ul> <p>The filters are designed to be used with the half masks SECURA 2000 series or the SECURA 3000 series (3000, 3100, 3200) and with full masks with a bayonet connection identical to the SECURA connection.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> has a protective housing for working in high humidity conditions and increased resistance to contaminants. In addition, the housing provides mechanical protection against damage and extends the service life of the filter.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> has a wide range of applications, including mining, chemical, petrochemical, metallurgical, engineering, wood, pharmaceutical, food, and other industries, and it is also recommended to protect during construction works.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> conform to European Standard EN-143:2021. Filters stored in original packaging keep their useful (protective) properties for 5 years from the production date.</p>	 <p>DUST FUMES MIST</p>

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56324S2	SECAIR 3000.04 P3 particulate filter	set (2 pcs)	40 sets

# 1. RESPIRATORY PROTECTION

## ► SECURA 3000 + A1 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3021 A1 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,1% (filters class 1).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + A2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3031 A2 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + ABEK1 MULTI-GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3025 ABEK1 Multi-Gas Filter** protects against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives occurring alone or as mixtures with a concentration no higher than 0,1% (filters class 1). Multi-gas filters are recommended when a hazard is not well known.



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + B2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3032 B2 Gas Filter** protects against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + E2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3033 E2 Gas Filter** protects against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + K2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3034 K2 Gas Filter** protects against ammonia and organic ammonia derivatives (amines i.e. methylamine, dimethylamine, and ethylamine) with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3000 + COMBINATED FILTERS







### FILTER SET

PARTICULATE FILTERS	GAS FILTERS					
	3021 A1	3031 A2	3025 ABEK1	3032 B2	3033 E2	3034 K2
3000.01 P1	<b>A1+P1*</b> DUST VAPORS MIST GASES	<b>A2+P1*</b> DUST VAPORS MIST GASES	<b>ABEK1+P1*</b> DUST VAPORS MIST GASES	<b>B2+P1*</b> DUST VAPORS MIST GASES	<b>E2+P1*</b> DUST VAPORS MIST GASES	<b>K2+P1*</b> DUST VAPORS MIST GASES
3000.02 P2	<b>3041 A1P2</b> DUST FUMES VAPORS MIST GASES	<b>3061 A2P2</b> DUST FUMES VAPORS MIST GASES	<b>3045 ABEK1P2</b> DUST FUMES VAPORS MIST GASES	<b>B2+P2*</b> DUST FUMES VAPORS MIST GASES	<b>E2+P2*</b> DUST FUMES VAPORS MIST GASES	<b>K2+P2*</b> DUST FUMES VAPORS MIST GASES
3000.03 P3	<b>3051 A1P3</b> DUST FUMES VAPORS MIST GASES	<b>3071 A2P3</b> DUST FUMES VAPORS MIST GASES	<b>3055 ABEK1P3</b> DUST FUMES VAPORS MIST GASES	<b>B2+P3*</b> DUST FUMES VAPORS MIST GASES	<b>E2+P3*</b> DUST FUMES VAPORS MIST GASES	<b>K2+P3*</b> DUST FUMES VAPORS MIST GASES

\* Kits for self-configuration after purchasing gas filters and filters separately








# 1. RESPIRATORY PROTECTION

## ►► SECURA 3000 + A1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>A1+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,1% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3021 A1 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 R particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + A1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3041 A1P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3041 A1P2 combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A122	Filter set 3041 A1P2 R (Gas filter 3021 A1 + filter SECAIR 3000.02 P2 R)	set (2 pcs)	15 sets

## ►► SECURA 3000 + A1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3051 A1P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 A1P3 combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A132	Filter set 3051 A1P3 (Gas filter 3021 A1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3000 + A2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>A2+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3031 A2 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + A2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3061 A2P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3061 AIP2 combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A2 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A222	Filter set 3061 A2P2 R (Gas filter 3031 A2 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3000 + A2 GAS FILTER + P3 PARTICULATE FILTER







HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3071 A2P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 AIP3 combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A232	Filter set 3071 A2P3 R (Gas filter 3031 A2 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets










# 1. RESPIRATORY PROTECTION

## ►► SECURA 3000 + ABEK1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>ABEK1+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against non-toxic solid and liquid aerosols.</p> <p>The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3025 ABEK 1 filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + ABEK1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3045 ABEK1 P2 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against dust, fumes and mists . The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P2 set of filters protects against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W122	Filter set 3045 ABEK1P2 (Gas filter 3025 ABEK1 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3000 + ABEK1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3055 ABEK1 P3 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against toxic dust, fumes and mists. The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 20 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P3 set of filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W132	Filter set 3055 ABEK1P3 (Gas filter 3025 ABEK1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3000 + B2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>B2+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p>	 

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

# 1. RESPIRATORY PROTECTION

## ►► SECURA 3000 + B2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + B2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + E2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + E2 GAS FILTER + P2 PARTICULATE FILTER

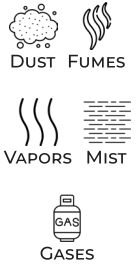
HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + E2 GAS FILTER + P3 PARTICULATE FILTER

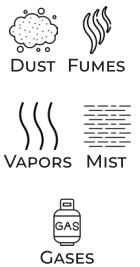
HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + K2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION










**K2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets








# 1. RESPIRATORY PROTECTION

## ►► SECURA 3000 + K2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	 	  
	<p><b>K2+P2 set of filters</b> in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3000 + K2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	 	  
	<p><b>K2+P3 set of filters</b> in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

# SECURA 3100

## REUSABLE HALF-MASK RESPIRATOR

S



M



L



**2**  
INHALING  
VALVES

**RUBBER  
SILICONE**  
BODY



DUST



FUMES



MIST



VAPORS



GASES



▶ **A MODERN DESIGN, WITH A SMALL NUMBER OF COMPONENTS, ENSURES EASE OF USE AND CLEANING**

▶ **A NEW HEAD STRAP PROVIDES MAXIMUM COMFORT EVEN IN THE MOST DIFFICULT WORKING CONDITIONS**

▶ **BAYONET LOCK FOR FAST AND RELIABLE CARTRIDGE MOUNTING**

▶ **MADE FROM BEST QUALITY MATERIALS, WITH A SILICONE FACEPIECE**

▶ **EASY FASTENING BOTTOM STRAP WITH PROTECTIVE HAIR GUARD**

**SECURA 3100** respirator, complete with appropriate filtering elements protects against the harmful effects of aerosols (dust, fumes, mists), vapors and gases.

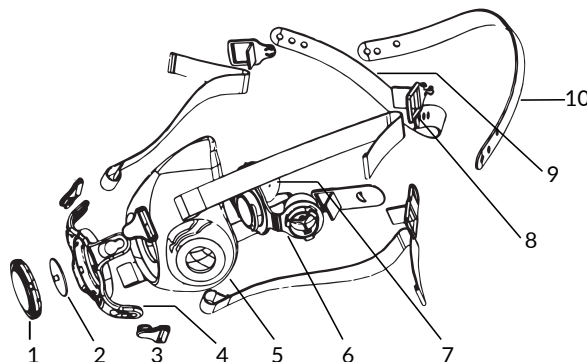
**SECURA 3100** respirator consists of a body, two inhalation valves with bayonet connectors for filtering elements, an exhalation valve, and a head strap.

**SECURA 3100** respirator is made of high-quality materials with a silicone facepiece and a four-point textile head strap. Thanks to his innovative design and a small number of components, the respirator is easy to use and clean. The new head harness ensures maximum working comfort even in the most difficult conditions and benefits from a convenient and reliable strapping at the back of the head. The bayonet connections provide a quick and secure mounting of filters.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56TISSO	SECURA 3100 respirator with silicone facepiece and four-points head strap, size S	Pcs	18 pcs
S56TISMO	SECURA 3100 respirator with silicone facepiece and four-points head strap, size M	Pcs	18 pcs
S56TISLO	SECURA 3100 respirator with silicone facepiece and four-points head strap, size L	Pcs	18 pcs

### CONSTRUCTION

1. EXHALATION VALVE COVER
2. EXHALATION VALVE
3. HEAD HARNESS CLASPS
4. EXHALATION VALVE RING
5. BODY MADE OF SILICONE
6. VALVE INSERT
7. INHALATION VALVE
8. BUCKLE
9. HEAD HARNESS TEXTILE TAPE
10. HEAD HARNESS





### REQUIREMENTS



- The relevant Union harmonization legislation: Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC;
- Harmonized European Standard EN 140:1998.

## VARIANT OF USAGE



### ► SECAIR 3100 + P1 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.01 P1 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P1 class filters:</b> coal mining, stone (granite, marble etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling and application the lime, cement, artificial fertilizers, raw materials for glass, and ceramic industry, rubber industry etc.</p>	 <p>DUST MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets




### ► SECAIR 3100 + P2 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.02 P2 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P2 class filters:</b> mining of minerals containing free silica, processing of metal ores (iron, copper, zinc, lead), melting and casting metals (excl. zinc and lead), electric welding, machining of aluminum and its alloys, cutting and grinding of hard wood, production of fodder and pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

### ► SECAIR 3100 + P3 PARTICULATE FILTER




HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.03 P3 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 30 x OEL (Occupational Exposure Limit).</p> <p><b>Typical applications of P3 class filters:</b> metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dusts and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ► SECURA 3100 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER

HALF-MASK	FILTER	APPLICATION
	 <p><b>SECAIR 2000.10 P3 A Particle filter</b> in combination with half-mask respirator protects the respiratory system against the harmful effects of dust, fumes, and mists. The concentration of the dispersed phase of aerosol may not exceed 30 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of the SECAIR 2000.10 P3 A filters:</b>                      Metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting, or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dust and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products, and odors and unpleasant smells of organic substances.</p> <p><b>Filter has an additional layer of carbon fiber providing protection against odors and unpleasant smells and allows the use of protective equipment in an atmosphere contaminated with organic substances, provided that their concentration does not exceed the OEL value.</b></p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S52326S2	SECAIR 2000.10 P3 A particulate filter with carbon layer	set (2 pcs)	100 sets

## ► SECURA 3100 + 3000.04 P3 PLEATED PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION
	 <p><b>SECAIR 3000.04 P3 Particulate Filter</b> protects against the harmful effects of dust, solid and liquid aerosols, provided that the concentration of dispersed phase of the aerosol does not exceed:</p> <ul style="list-style-type: none"> <li>• 20 x OEL (Occupational Exposure Limit) with half mask respirator;</li> <li>• 1000 x OEL (Occupational Exposure Limit) with full face mask.</li> </ul> <p>The filters are designed to be used with the half masks SECURA 2000 series or the SECURA 3000 series (3000, 3100, 3200) and with full masks with a bayonet connection identical to the SECURA connection.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> has a protective housing for working in high humidity conditions and increased resistance to contaminants. In addition, the housing provides mechanical protection against damage and extends the service life of the filter.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> has a wide range of applications, including mining, chemical, petrochemical, metallurgical, engineering, wood, pharmaceutical, food, and other industries, and it is also recommended to protect during construction works.</p> <p><b>SECAIR 3000.04 P3 Particulate Filter</b> conform to European Standard EN-143:2021. Filters stored in original packaging keep their useful (protective) properties for 5 years from the production date.</p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56324S2	SECAIR 3000.04 P3 particulate filter	set (2 pcs)	40 sets



# 1. RESPIRATORY PROTECTION

## ► SECURA 3100 + A1 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3021 A1 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,1% (filters class 1).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3100 + A2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3031 A2 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3100 + ABEK1 MULTI-GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3025 ABEK1 Multi-Gas Filter** protects against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives occurring alone or as mixtures with a concentration no higher than 0,1% (filters class 1). Multi-gas filters are recommended when a hazard is not well known.



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3100 + B2 GAS FILTER

HALF-MASK

FILTER

APPLICATION





**3032 B2 Gas Filter** protects against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets

► **SECURA 3100 + E2 GAS FILTER**

HALF-MASK	FILTER	APPLICATION
	<p><b>3033 E2 Gas Filter</b> protects against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% (filters class 2).</p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets












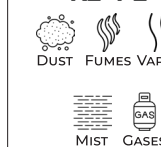






► **SECURA 3100 + K2 GAS FILTER**

HALF-MASK	FILTER	APPLICATION
	<p><b>3034 K2 Gas Filter</b> protects against ammonia and organic ammonia derivatives (amines i.e. methylamine, dimethylamine, and ethylamine) with a concentration no higher than 0,5% (filters class 2).</p>	

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets

► **SECURA 3100 + COMBINATED FILTERS**



**FILTER SET**

PARTICULATE FILTERS	GAS FILTERS					
	3021 A1	3031 A2	3025 ABEK1	3032 B2	3033 E2	3034 K2
3000.01 P1	<p><b>A1+P1*</b></p> 	<p><b>A2+P1*</b></p> 	<p><b>ABEK1+P1*</b></p> 	<p><b>B2+P1*</b></p> 	<p><b>E2+P1*</b></p> 	<p><b>K2+P1*</b></p> 
3000.02 P2	<p><b>3041 A1P2</b></p> 	<p><b>3061 A2P2</b></p> 	<p><b>3045 ABEK1P2</b></p> 	<p><b>B2+P2*</b></p> 	<p><b>E2+P2*</b></p> 	<p><b>K2+P2*</b></p> 
3000.03 P3	<p><b>3051 A1P3</b></p> 	<p><b>3071 A2P3</b></p> 	<p><b>3055 ABEK1P3</b></p> 	<p><b>B2+P3*</b></p> 	<p><b>E2+P3*</b></p> 	<p><b>K2+P3*</b></p> 

\* Kits for self-configuration after purchasing gas filters and filters separately



# 1. RESPIRATORY PROTECTION

## ►► SECURA 3100 + A1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	<p><b>A1+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,1% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3021 A1 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 <p>DUST VAPORS MIST GASES</p>



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + A1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	<p><b>3041 A1P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3041 A1P2 combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	 <p>DUST FUMES VAPORS MIST GASES</p>







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A122	Filter set 3041 A1P2 (Gas filter 3021 A1 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3100 + A1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	<p><b>3051 A1P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 A1P3 combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	 <p>DUST FUMES VAPORS MIST GASES</p>








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A132	Filter set 3051 A1P3 (Gas filter 3021 A1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3100 + A2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>A2+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3031 A2 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + A2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>3061 A2P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3061 AIP2 combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A2 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A222	Filter set 3061 A2P2 (Gas filter 3031 A2 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets






## ►► SECURA 3100 + A2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>3071 A2P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 AIP3 combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A232	Filter set 3071 A2P3 (Gas filter 3031 A2 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets







# 1. RESPIRATORY PROTECTION

## ►► SECURA 3100 + ABEK1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
  	<p><b>ABEK1+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against non-toxic solid and liquid aerosols. The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 4 x OEL (Occupational Exposure Limit)</p> <p><b>Most common substances that the 3025 ABEK 1 filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 R particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + ABEK1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
  	<p><b>3045 ABEK1 P2 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against dust, fumes and mists . The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P2 set of filters protects against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W122	Filter set 3045 ABEK1P2 (filter 3025 ABEK1 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3100 + ABEK1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>3055 ABEK1 P3 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against toxic dust, fumes and mists. The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 20 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P3 set of filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W132	Filter set 3055 ABEK1P3 (Gas filter 3025 ABEK1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3100 + B2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>B2+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p>	 

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

# 1. RESPIRATORY PROTECTION

## ►► SECURA 3100 + B2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + B2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + E2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + E2 GAS FILTER + P2 PARTICULATE FILTER

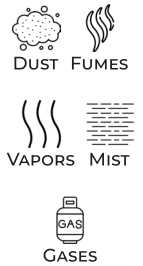
HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + E2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + K2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**K2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).






CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets






# 1. RESPIRATORY PROTECTION

## ►► SECURA 3100 + K2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	 <p><b>K2+P2 set of filters</b> in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p>	 <p>DUST FUMES VAPORS MIST GASES</p>

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3100 + K2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
	 <p><b>K2+P3 set of filters</b> in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p>	 <p>DUST FUMES VAPORS MIST GASES</p>

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

# SECURA 3200

REUSABLE HALF-MASK RESPIRATOR  
THE PERFECT SOLUTION FOR MINING



**2**  
INHALING  
VALVES

**RUBBER  
SILICONE**  
BODY



DUST



FUMES



MIST



VAPORS



GASES



► **A MODERN DESIGN, WITH A SMALL NUMBER OF COMPONENTS, ENSURES EASE OF USE AND CLEANING**

► **A NEW HEAD STRAP PROVIDES MAXIMUM COMFORT EVEN IN THE MOST DIFFICULT WORKING CONDITIONS**

► **BAYONET LOCK FOR FAST AND RELIABLE CARTRIDGE MOUNTING**

► **MADE FROM BEST QUALITY MATERIALS, WITH A SILICONE FACEPIECE**

► **EASY FASTENING BOTTOM STRAP WITH PROTECTIVE HAIR GUARD**

**SECURA 3200** respirator, complete with appropriate filtering elements protects against the harmful effects of aerosols (dust, fumes, mists), vapors and gases.

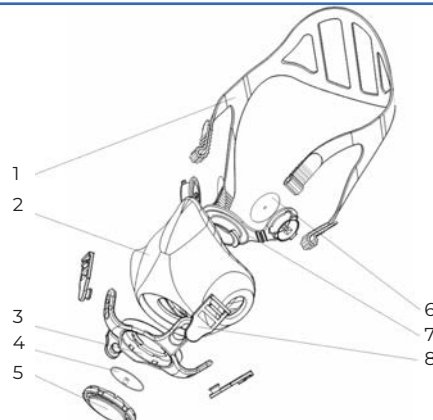
**SECURA 3200** respirator consists of a body, two inhalation valves with bayonet connectors for filtering elements, an exhalation valve, and a head strap.

**SECURA 3200** respirator is made of high-quality materials with a silicone facepiece and a one-piece silicone head strap. Thanks to his innovative design and a small number of components, the respirator is easy to use and clean. The new head harness ensures maximum working comfort even in the most difficult conditions and benefits from a convenient and reliable strapping at the back of the head. The bayonet connections provide a quick and secure mounting of filters.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56T2SS0	SECURA 3200 respirator with silicone facepiece and one-piece head strap, size S	Pcs	18 pcs
S56T2SM0	SECURA 3200 respirator with silicone facepiece and one-piece head strap, size M	Pcs	18 pcs
S56T2SL0	SECURA 3200 respirator with silicone facepiece and one-piece head strap, size L	Pcs	18 pcs

## CONSTRUCTION

1. HEAD HARNESS
2. BODY MADE OF SILICONE
3. EXHALATION VALVE RING
4. EXHALATION VALVE
5. EXHALATION VALVE COVER
6. INHALATION VALVE
7. VALVE INSERT
8. HEAD HARNESS CLASPS





## REQUIREMENTS



- The relevant Union harmonization legislation: Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC;
- Harmonized European Standard EN 140:1998.

## VARIANT OF USAGE



### ► SECURA 3200 + P1 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.01 P1 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P1 class filters:</b> coal mining, stone (granite, marble etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling and application the lime, cement, artificial fertilizers, raw materials for glass, and ceramic industry, rubber industry etc.</p>	 <p>DUST MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

### ► SECURA 3200 + P2 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.02 P2 Particulate Filter</b> protects against the harmful effects of solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Typical application of P2 class filters:</b> mining of minerals containing free silica, processing of metal ores (iron, copper, zinc, lead), melting and casting metals (excl. zinc and lead), electric welding, machining of aluminum and its alloys, cutting and grinding of hard wood, production of fodder and pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

### ► SECURA 3200 + P3 PARTICULATE FILTER

HALF-MASK	FILTER	APPLICATION	
	<p><b>SECAIR 3000.03 P3 Particulate Filter</b> protects against the harmful effects of dust, solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 30 x OEL (Occupational Exposure Limit).</p> <p><b>Typical applications of P3 class filters:</b> metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dusts and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products.</p>	 <p>DUST FUMES MIST</p>	
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

► **SECURA 3200 + 2000.10 P3 A PARTICULATE FILTER WITH CARBON LAYER**

HALF-MASK	FILTER	APPLICATION
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**SECAIR 2000.10 P3 A Particle filter** in combination with half-mask respirator protects the respiratory system against the harmful effects of dust, fumes, and mists. The concentration of the dispersed phase of aerosol may not exceed 30 x OEL (Occupational Exposure Limit).

**Typical application of the SECAIR 2000.10 P3 A filters:**

Metal oxide fumes (zinc, lead, arsenic, vanadium, silver) generated during melting, casting, or machining metals (welding, grinding); hard coal mining where uranium or radium compounds are present; tanneries and electroplating plants (chromate dust and mists); selected pigments (cadmium sulphide); artificial, mineral fibers; asbestos dust; dust, and mists of pharmaceutical products, and odors and unpleasant smells of organic substances.



**Filter has an additional layer of carbon fiber providing protection against odors and unpleasant smells and allows the use of protective equipment in an atmosphere contaminated with organic substances, provided that their concentration does not exceed the OEL value.**

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S52326S2	SECAIR 2000.10 P3 A particulate filter with carbon layer	set (2 pcs)	100 sets

► **SECURA 3200 + 3000.04 P3 PLEATED PARTICULATE FILTER**

HALF-MASK	FILTER	APPLICATION
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**SECAIR 3000.04 P3 Particulate Filter** protects against the harmful effects of dust, solid and liquid aerosols, provided that the concentration of dispersed phase of the aerosol does not exceed:

- 20 x OEL (Occupational Exposure Limit) with half mask respirator;
- 1000 x OEL (Occupational Exposure Limit) with full face mask.

The filters are designed to be used with the half masks SECURA 2000 series or the SECURA 3000 series (3000, 3100, 3200) and with full masks with a bayonet connection identical to the SECURA connection.

**SECAIR 3000.04 P3 Particulate Filter** has a protective housing for working in high humidity conditions and increased resistance to contaminants. In addition, the housing provides mechanical protection against damage and extends the service life of the filter.



**SECAIR 3000.04 P3 Particulate Filter** has a wide range of applications, including mining, chemical, petrochemical, metallurgical, engineering, wood, pharmaceutical, food, and other industries, and it is also recommended to protect during construction works.

**SECAIR 3000.04 P3 Particulate Filter** conform to European Standard EN-143:2021.

Filters stored in original packaging keep their useful (protective) properties for 5 years from the production date.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S56324S2	SECAIR 3000.04 P3 particulate filter	set (2 pcs)	40 sets

# 1. RESPIRATORY PROTECTION

## ► SECURA 3200 + A1 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3021 A1 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,1% (filters class 1).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + A2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3031 A2 Gas Filter** protects against organic gases and vapors with a boiling point above 65°, organic solvents e.g. hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + ABEK1 MULTI-GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3025 ABEK1 Multi-Gas Filter** protects against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives occurring alone or as mixtures with a concentration no higher than 0,1% (filters class 1). Multi-gas filters are recommended when a hazard is not well known.



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + B2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3032 B2 Gas Filter** protects against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + E2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3033 E2 Gas Filter** protects against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + K2 GAS FILTER

HALF-MASK

FILTER

APPLICATION



**3034 K2 Gas Filter** protects against ammonia and organic ammonia derivatives (amines i.e. methylamine, dimethylamine, and ethylamine) with a concentration no higher than 0,5% (filters class 2).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets

## ► SECURA 3200 + COMBINATED FILTERS







### FILTER SET

	GAS FILTERS					
	3021 A1	3031 A2	3025 ABEK1	3032 B2	3033 E2	3034 K2
PARTICULATE FILTERS						
3000.01 P1	<b>A1+P1*</b>  DUST VAPORS MIST GASES	<b>A2+P1*</b>  DUST VAPORS MIST GASES	<b>ABEK1+P1*</b>  DUST VAPORS MIST GASES	<b>B2+P1*</b>  DUST VAPORS MIST GASES	<b>E2+P1*</b>  DUST VAPORS MIST GASES	<b>K2+P1*</b>  DUST VAPORS MIST GASES
3000.02 P2	<b>3041 A1P2</b>  DUST FUMES VAPORS MIST GASES	<b>3061 A2P2</b>  DUST FUMES VAPORS MIST GASES	<b>3045 ABEK1P2</b>  DUST FUMES VAPORS MIST GASES	<b>B2+P2*</b>  DUST FUMES VAPORS MIST GASES	<b>E2+P2*</b>  DUST FUMES VAPORS MIST GASES	<b>K2+P2*</b>  DUST FUMES VAPORS MIST GASES
3000.03 P3	<b>3051 A1P3</b>  DUST FUMES VAPORS MIST GASES	<b>3071 A2P3</b>  DUST FUMES VAPORS MIST GASES	<b>3055 ABEK1P3</b>  DUST FUMES VAPORS MIST GASES	<b>B2+P3*</b>  DUST FUMES VAPORS MIST GASES	<b>E2+P3*</b>  DUST FUMES VAPORS MIST GASES	<b>K2+P3*</b>  DUST FUMES VAPORS MIST GASES

\* Kits for self-configuration after purchasing gas filters and filters separately








# 1. RESPIRATORY PROTECTION

## ►► SECURA 3200 + A1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>A1+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,1% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3021 A1 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A102	3021 A1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + A1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3041 A1P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3041 A1P2 combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A122	Filter set 3041 A1P2 (Gas filter 3021 A1 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3200 + A1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3051 A1P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 A1P3 combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A132	Filter set 3051 A1P3 (Gas filter 3021 A1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3200 + A2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	  <p><b>A2+P1 set of filters</b> in combination with half-mask respirator protects the respiratory system against organic gases and vapors with a boiling point above 65 °C with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3031 A2 filters protect against:</b> organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene, etc.</p> <p><b>Typical application of the SECAIR 3000.01 P1 R filters:</b> coal mining, stone (granite, marble, etc.) and metal machining (cutting, grinding, polishing), softwood machining, brushing of castings and steel structures, production, handling, and application of lime, cement, artificial fertilizers, raw materials for glass and ceramic industry, rubber industry, etc.</p>	 







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565A202	3031 A2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + A2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
 	 <p><b>3061 A2P2 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3061 AIP2 R combination filters offers protection against, are aerosols of paints and varnishes, glutaraldehyde, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A2 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A222	Filter set 3061 A2P2 (Gas filter 3031 A2 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3200 + A2 GAS FILTER + P3 PARTICULATE FILTER






HALF-MASK	COMBINATED FILTERS	APPLICATION
 	 <p><b>3071 A2P3 set of filters</b> in combination with a half-mask respirator is designed to protect the respiratory system against organic gases and vapors with a boiling point above 65 °C within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).</p> <p>The most common substances, the 3051 AIP3 R combination filter offers protection against, are ethyl acrylate, methyl acrylate, glutaraldehyde, diphenyl, phenol, pesticides, dimethyl sulphate, cooking fumes, gasoline fumes, diesel exhaust and all other substances, the A1 gas filter offer protection against.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566A232	Filter set 3071 A2P3 (Gas filter 3031 A2 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets









# 1. RESPIRATORY PROTECTION

## ►► SECURA 3200 + ABEK1 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
  	<p><b>ABEK1+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against non-toxic solid and liquid aerosols. The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 4 x OEL (Occupational Exposure Limit)</p> <p><b>Most common substances that the 3025 ABEK 1 filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	 








CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565W102	3025 ABEK1 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + ABEK1 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
  	<p><b>3045 ABEK1 P2 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against dust, fumes and mists . The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 10 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P2 set of filters protects against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  







CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W122	Filter set 3045 ABEK1P2 (Gas filter 3025 ABEK1 + filter SECAIR 3000.02 P2)	set (2 pcs)	15 sets

## ►► SECURA 3200 + ABEK1 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>3055 ABEK1 P3 set of filters</b> in combination with a half-mask respirator protects the respiratory system against organic and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, as well as a mixture of the above-mentioned substances. It protects also against toxic dust, fumes and mists. The permissible concentration of the vapors and gases is 0.1% by volume and the concentration of the dispersed phase of aerosol may not exceed 20 x OEL (Occupational Exposure Limit).</p> <p><b>Most common substances that the 3045 ABEK1 P3 set of filters protect against:</b></p> <p><b>Groupe A substances:</b> organic gases and vapors with a boiling point above 65 °C a.g. organic solvents, hydrocarbons, alcohols, aldehydes, organic acids, esters, ethers, ketones, styrene etc.</p> <p><b>Groupe B substances:</b> inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans and ozone etc.</p> <p><b>Groupe E substances:</b> sulfur dioxide and other acidic vapors and gases e.g. hydrogen chloride, nitrogen dioxide, sulfur trioxide, organic acids (formic, acetic) etc.</p> <p><b>Groupe K substances:</b> ammonia and its derivative (amines: methylamine, dimethylamine, dimethylethylamine, ethylamine) ammonium chloride, hydrazine etc.</p>	  

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S566W132	Filter set 3055 ABEK1P3 (Gas filter 3025 ABEK1 + filter SECAIR 3000.03 P3)	set (2 pcs)	15 sets

## ►► SECURA 3200 + B2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK	COMBINATED FILTERS	APPLICATION
   	<p><b>B2+P1 set of filters</b> in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).</p>	 

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

# 1. RESPIRATORY PROTECTION

## ►► SECURA 3200 + B2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + B2 GAS FILTER + P3 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**B2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against inorganic gases and vapors e.g. carbon disulfide, hydrogen sulfide, hydrogen cyanide, formaldehyde, mercaptans, ozone etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565B202	3032 B2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + E2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + E2 GAS FILTER + P2 PARTICULATE FILTER

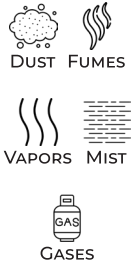
HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + E2 GAS FILTER + P3 PARTICULATE FILTER

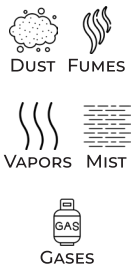
HALF-MASK

COMBINATED FILTERS

APPLICATION



**E2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against sulphur dioxide and other acid gases and vapours including hydrogen chloride, nitrogen oxide, sulphuric acid, formic acid, acetic acid, etc. with a concentration no higher than 0,5% within the simultaneous presence of toxic dust, fumes, and mists, provided that the concentration of the dispersed phase of aerosol does not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565E202	3033 E2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + K2 GAS FILTER + P1 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**K2+P1 set of filters** in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) with a concentration no higher than 0,5% and non-toxic solid and liquid aerosols, provided that the concentration of the dispersed phase of aerosol does not exceed 4 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56321S2	SECAIR 3000.01 P1 particulate filter	set (2 pcs)	100 sets

# 1. RESPIRATORY PROTECTION

## ►► SECURA 3200 + K2 GAS FILTER + P2 PARTICULATE FILTER

HALF-MASK

COMBINATED FILTERS

APPLICATION



**K2+P2 set of filters** in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56322S2	SECAIR 3000.02 P2 particulate filter	set (2 pcs)	100 sets

## ►► SECURA 3200 + K2 GAS FILTER + P3 PARTICULATE FILTER

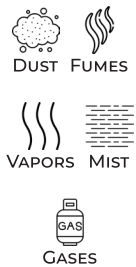
HALF-MASK

COMBINATED FILTERS

APPLICATION



**K2+P3 set of filters** in combination with a half-mask respirator protects the respiratory system against ammonia and organic ammonia derivatives (amines i.e. methylamine, imethylamine, and ethylamine) within the simultaneous presence of toxic dust, fumes, and mists. The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S565K202	3034 K2 gas and vapour filter	set (2 pcs)	20 sets
S56323S2	SECAIR 3000.03 P3 particulate filter	set (2 pcs)	100 sets

# SECURA 3000 KITS

## RESPIRATORY PROTECTION KITS

M  
2  
RUBBER SILICONE  
INHALING VALVES  
BODY



DUST



FUMES



MIST



VAPORS



GASES

### ► SECURA 3000 LAK KIT BOX



**SECURA 3000 LAK kit** protects respiratory system against dust, fume and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C. These are the typical agents occurring during e.g. varnishing, painting, laminating, grinding, polishing or pesticide use etc. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567LSLO	SECURA 3000 half-mask (size M) + 2 gas filters 3021 A1 + 2 particulate filters 3000.02 P2	Set	9 sets	 DUST FUMES MIST VAPORS GASES

### ► SECURA 3000 ADR KIT BOX



**SECURA 3000 ADR kit** protects the respiratory system against dust, fume, and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, occurring simultaneously or individually. It is especially useful as equipment for transporting dangerous goods by road. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567ASLO	SECURA 3000 half-mask (size M) + 2 multi-gas filters 3025 ABEK1 + 2 particulate filters 3000.02 P2	Set	9 sets	 DUST FUMES MIST VAPORS GASES






# 1. RESPIRATORY PROTECTION

## ► SECURA 3000 E EVACUATION KIT



**SECURA 3000 E evacuation kit** is intended for single use to allow quick evacuation from an area contaminated with various chemical substances. Half-mask respirator equipped with an ABEK1 gas filter and a SECAIR 3000.03 P3 dust filter, provides respiratory protection from gases and vapors as well as from toxic aerosols (dust, smoke, mist). The kit is ready to use, hermetically packed in a barrier bag.

It protects against vapors and organic gases with boiling point > 65°C and inorganic gases and vapors, sulphur dioxide and other acid gases and vapors, and ammonia and organic ammonia derivatives, occurring simultaneously or individually. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567ESLO	SECURA 3000 half-mask (size M) + 2 multi-gas filters 3025 ABEK1 + 2 particulate filters 3000.03 P3	Set	10 sets	     DUST FUMES MIST VAPORS GASES

# SECURA 3100 KITS

## RESPIRATORY PROTECTION KITS



### ► SECURA 3100 DUST KIT BOX



**SECURA 3100 DUST kit** protects the respiratory system against solid and liquid aerosols (dust, mists, and fumes) when the concentration of aerosol does not exceed 20 x OEL (Occupational Exposure Limit) – for filters P3 class. These are the typical agents occurring e.g. welding, grinding, cutting, and processing wood and metal, machining aluminum and its alloys, processing of feed and pharmaceutical products, and powder coating.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567DSL0	SECURA 3100 half-mask (size M) + 2 particulate filters 3000.03 P3	Set	9 sets	DUST FUMES MIST

### ► SECURA 3100 LAK KIT BOX



**SECURA 3100 LAK kit** protects respiratory system against dust, fume and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C. These are the typical agents occurring during e.g. varnishing, painting, laminating, grinding, polishing or pesticide use etc. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567LSL1	SECURA 3100 half-mask (size M) + 2 gas filters 3021 A1 + 2 particulate filters 3000.02 P2	Set	9 sets	DUST FUMES MIST VAPORS GASES
S567LSL2	SECURA 3100 half-mask (size L) + 2 gas filters 3021 A1 + 2 particulate filters 3000.02 P2	Set	9 sets	DUST FUMES MIST VAPORS GASES



# 1. RESPIRATORY PROTECTION

## ► SECURA 3100 CHEM KIT BOX



**SECURA 3100 CHEM kit** protects respiratory system against toxic dust, fume and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C. These are the typical agents occurring during e.g. varnishing, painting, laminating, grinding, polishing or pesticide use etc.

The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S567CSLO	SECURA 3100 half-mask (size M) + 2 gas filters 3021 A2 + 2 particulate filters 3000.03 P3	Set	9 sets	 DUST FUMES MIST VAPORS GASES

# SECURA 3000 BLISTERS

RESPIRATORY PROTECTION KITS  
IN BLISTER PACKS



## ► SECURA 3000 LAK KIT BLISTER



**SECURA 3000 LAK kit** protects respiratory system against dust, fume and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C. These are the typical nagents occurring during e.g. varnishing, painting, laminating, grinding, polishing or pesticide use etc. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S568LSLO	SECURA 3000 half-mask (size M) + 2 gas filters 3021 A1 + 2 particulate filters 3000.02 P2	Set	10 sets	DUST FUMES MIST VAPORS GASES

## ► SECURA 3000 ADR KIT BLISTER



**SECURA 3000 ADR kit** protects the respiratory system against dust, fume, and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C and inorganic gases and vapors, against sulphur dioxide and other acid gases and vapors, ammonia and organic ammonia derivatives, occurring simultaneously or individually. It is especially useful as equipment for transporting dangerous goods by road. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).




CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S568ASLO	SECURA 3000 half-mask (size M) + 2 multi-gas filters 3025 ABEK1 + 2 particulate filters 3000.02 P2	Set	10 sets	DUST FUMES MIST VAPORS GASES

# 1. RESPIRATORY PROTECTION

## ► SECURA 3000 DUST KIT BLISTER



**SECURA 3000 DUST kit** protects the respiratory system against toxic solid and liquid aerosols (dust, mists, and fumes) when the concentration of aerosol does not exceed 20 x OEL (Occupational Exposure Limit) – for filters P3 class. These are the typical agents occurring e.g. welding, grinding, cutting, and processing wood and metal, machining aluminum and its alloys, processing of feed and pharmaceutical products, and powder coating.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S568DSL0	SECURA 3000 half-mask (size M) + 6 particulate filters 3000.03 P3	Set	10 sets	   DUST FUMES MIST

# SECURA 3100 BLISTERS

## RESPIRATORY PROTECTION KITS IN BLISTER PACKS



**2** RUBBER SILICONE  
INHALING VALVES  
BODY



DUST



FUMES



MIST



VAPORS








GASES

## ► SECURA 3100 LAK KIT BLISTER



**SECURA 3100 LAK kit** protects respiratory system against dust, fume and liquid aerosols (mist) as well as vapors and organic gases with boiling point > 65°C. These are the typical agents occurring during e.g. varnishing, painting, laminating, grinding, polishing or pesticide use etc. The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 10 x OEL (Occupational Exposure Limit).

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S568LSL1	SECURA 3100 half-mask (size M) + 2 gas filters 3021 A1 + 2 particulate filters 3000.02 P2	Set	10 sets	     DUST FUMES MIST VAPORS GASES

# PROTECTIVE HOOD SECURA 3000

**2**  
INHALING  
VALVES

**POLYESTER  
FABRIC + PVC**  
HOOD

**RUBBER  
SILICONE**  
BODY



DUST



FUMES



MIST



VAPORS



GASES



**Protective hood SECURA 3000** after assembling with relevant SECURA B.C. filtering elements (particulate filters, gas filters, and sets of filters), protects the respiratory system against air pollution in the form of:






- dust, solid, and liquid aerosols, when equipped with particulate filters;
- vapors and gases, when equipped with gas filters;
- aerosols, vapors, and gases when equipped with sets of filters.

The protective hood is made of polyester fabric coated with PVC, while the visual area is made of soft, transparent PVC. Inside the hood, there is a silicone half-mask body that fits snugly to the face around the nose and mouth.

The hood seals securely around the neck with a silicone ring. Additionally, it is equipped with a set of valves with silicone membranes to ensure proper airflow and adjustable headgear for the user head size adjustment.

## REQUIREMENTS

- The product meets the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016;
- The product meets the requirements of standard EN 403:2007, excluding points 6.11, 6.11.1, 6.11.2, 6.19, 6.20, 6.21, 7.4.6 b. and EN 140:1998.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S539KPM0	Protective hood SECURA 3000, size M	Set	10 sets	    

## EVACUATION HOOD SECURA 3000 ABEK1 P3

**2** INHALING VALVES

**POLYESTER FABRIC + PVC** HOOD

**RUBBER SILICONE** BODY

DUST FUMES MIST VAPORS GASES



**Evacuation hood SECURA 3000 ABEK1 P3** is intended for single use to allow quick evacuation from an area contaminated with various chemical substances, such as:

A: Organic gases and vapours with a boiling point > 65° C (e.g. solvents, hydrocarbons, alcohols);

B: Inorganic gases and vapours (e.g. chlorine, hydrogen sulfide, hydrogen cyanide);

E: Acid gases and vapours (e.g. sulfur dioxide, hydrogen fluoride);

K: Ammonia and its organic derivatives (amines).

The hood is equipped with a set of ABEK1P3 filters that protect against gases and vapors as well as toxic solid and liquid aerosols (dust, fumes, and mists).

The limit values for vapours and gases is 0,1% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).

The hood is ready to use, hermetically packed in a barrier bag and carrying bag made of antistatic material.

The equipment retains its protective properties for 5 years from the date of production, provided it is properly stored.

### REQUIREMENTS

- The product meets the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016;
- The product meets the requirements of standard EN 403:2004, excluding points 6.11, 6.11.1, 6.11.2, 6.19, 6.20, 6.21, 7.4.6 b., EN 140:1998, EN 14387:2004+A1:2008, EN 143:2000, EN 143:2000/A1:2006.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S539KEMW	Evacuation hood SECURA 3000 ABEK1 P3, size M	Set	10 sets	DUST FUMES VAPORS MIST GASES

# EVACUATION HOOD SECURA 3000 K2 P3

**2**  
INHALING  
VALVES

**POLYESTER  
FABRIC + PVC**  
HOOD

**RUBBER  
SILICONE**  
BODY



DUST



FUMES



MIST



VAPORS



GASES



**Evacuation hood SECURA 3000 K2 P3** is intended for single use to allow quick evacuation from an area contaminated with ammonia and its organic derivatives (amines, e.g. methylamine, dimethylamine, ethylamine).

The hood is equipped with a set of K2P3 filters that protect against gases and vapors as well as toxic solid and liquid aerosols (dust, fumes, and mists).






The limit values for vapours and gases is 0,5% vol. and the concentration of the dispersed phase of aerosol must not exceed 20 x OEL (Occupational Exposure Limit).

The hood is ready to use, hermetically packed in a barrier bag and carrying bag made of antistatic material.

The equipment retains its protective properties for 5 years from the date of production, provided it is properly stored.

## REQUIREMENTS

- The product meets the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016;
- The product meets the requirements of standard EN 403:2004, excluding points 6.11, 6.11.1, 6.11.2, 6.19, 6.20, 6.21, 7.4.6 b., EN 140:1998, EN 14387:2004+A1:2008, EN 143:2000, EN 143:2000/A1:2006.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX	APPLICATION
S539KEMK	Evacuation hood SECURA 3000 K2 P3, size M	Set	10 sets	    







<b>ELSEC INSULATING GLOVES</b>	p.	<b>58</b>
ELSEC 2,5 kV	p.	<b>60</b>
ELSEC 5 kV	p.	<b>60</b>
ELSEC 10 kV	p.	<b>61</b>
ELSEC 20 kV	p.	<b>61</b>
ELSEC 30 kV	p.	<b>62</b>
<b>ACCESSORIES FOR INSULATING GLOVES</b>	p.	<b>63</b>
LEATHER OVERGLOVES	p.	<b>63</b>
COTTON INSERT	p.	<b>63</b>
CARRING BAG	p.	<b>63</b>
<b>RUBBER INSULATING MAT AND CARPET, CLASS 2</b>	p.	<b>65</b>

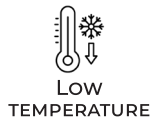
# 2.

## ELECTRO-INSULATING PRODUCTS

# ELSEC

## INSULATING GLOVES

**SIZE** > **1kV** **NATURAL LATEX**  
8, 9, 10 MEDIUM AND HIGH VOLTAGE MATERIAL  
11, 12



### APPLICATION

Insulating gloves **ELSEC** are applicable for electrical, purposes exclusively as the basic personal protective tool for live working at voltages up to 1 kV or as an additional protective measure for live working at voltages exceeding 1 kV.

### DESCRIPTION

**ELSEC** gloves of insulating material have an ergonomic shape and are made from high-quality natural latex using a fully automated production line.

Each glove is individually numbered and electrically tested using a computer-controlled testing arrangement. A report of this test is attached to each glove package. The ergonomic shape and elasticity of the glove make comfortable and easy manual work even when anti-perspiration inner cotton glove and/or protector leather gloves are worn over. Five classes of **ELSEC** gloves are produced fulfilling different voltage test requirements.

There are:

- 00 (2,5 kV);
- 0 (5 kV);
- 1 (10 kV);
- 2 (20 kV);
- 3 (30 kV).

**ELSEC** gloves are category RC gloves according to EN 60903:2003 + AC2:2005 standard and have special properties increasing their resistance to:

- R – acid, oil, and ozone;
- C – resistant to extremely low temperature.

Category R combines the characteristics of categories:

- A – resistant to acid;
- H – resistant to oil;
- Z – resistant to ozone;

Five sizes of **ELSEC** gloves are produced: 8, 9, 10, 11, 12.

The **ELSEC** gloves have been tested against the thermal influence of electric arc according to the requirements described in the standards:

- 1/ PN-EN 61482-1-1: 2009
- 2/ ASTM F2675/F2575M – 13

## 2. ELECTRO-INSULATING PRODUCTS

### REQUIREMENTS

1. **ELSEC** gloves meet the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016;
2. **ELSEC** gloves meet the requirements of harmonized standards:
  - EN 60903:2003 + AC2:2005 "Live working. Gloves of insulating material";
  - EN 420:2003 + A1:2009 "Protective gloves. General requirements and test methods".
3. The **ELSEC** electrical insulating protective gloves have a positive assessment of the EU-type examination and certificate no. UE/335/2020/1437 issued by CENTRAL INSTITUTE FOR WORK PROTECTION - NATIONAL RESEARCH INSTITUTE, ul. Czerniakowska 16, 00-701 Warsaw;
4. **ELSEC** gloves are approved for use in underground workings with "b" and "c" levels of methane explosion hazard and "A" and "B" levels of coal dust explosion hazard;
5. The manufacturer declares that each glove introduced into the market has been positively electrically tested according to EN 60903:2003 + AC2:2005 standard.

### TECHNICAL CHARACTERISTICS IN ACCORDING TO EN 60903:2003 + AC2:2005

TYPE		ELSEC 2,5	ELSEC 5	ELSEC 10	ELSEC 20	ELSEC 30
Code		S5911000	S5912000	S5913000	S5914000	S5915000
Class/Category, according to EN 60903:2003 + AC2:2005		00/RC	0/RC	1/RC	2/RC	3/RC
Designation of maximum use voltage	AC [V] rms	500	1000	7500	17000	26500
	DC [V]	750	1500	11250	25500	39750
AC tests	Proof test voltage [kV] rms	2,5	5	10	20	30
	Maximum proof test current [mA] rms, (routine test)	12	12	14	16	18
	Withstand test voltage [kV] rms	5	10	20	30	40
DC tests	Proof test voltage Avg [kV]	4	10	20	30	40
	Withstand test voltage Avg [kV]	8	20	40	60	70
Length [mm]		360	360	360	360	360
Maximum glove thickness, A, H, Z and R category gloves may need to be thicker, but never over 0,6 mm		0,5 mm	1,0 mm	1,5 mm	2,3 mm	2,9 mm
Average tensile strength not less than		16 MPa	16 MPa	16 MPa	16 MPa	16 MPa
Average elongation at break not less than		600%	600%	600%	600%	600%
Size		8, 9, 10 11, 12	8, 9, 10 11, 12	8, 9, 10 11, 12	8, 9, 10 11, 12	9, 10 11, 12
Cuff		Straigth	Straigth	Straigth	Straigth	Straigth

## ▶ ELSEC 2,5 kV INSULATING GLOVES



CODE	CLASS/CATEGORY	PROOF VOLTAGE	SIZE
V			
55911000	00/RC	2500	8, 9, 10, 11, 12

### SPECIAL PROPERTIES



ACID



OIL



OZONE



LOW TEMPERATURE

### TECHNICAL CHARACTERISTICS

MAXIMUM USE VOLTAGE		AC TESTS			DC TESTS		LENGTH	MAXIMUM GLOVE THICKNESS*	AVG TENSILE STRENGTH NOT LESS THAN	AVG ELONGATION AT BREAK NOT LESS THAN	CUFF
A.C. [V] R.M.S.	D.C. [V]	PROOF TEST VOLTAGE [kV] RMS	MAXIMUM PROOF TEST CURRENT [mA] RMS, (ROUTINE TEST)	WITHSTAND TEST VOLTAGE [kV] RMS	PROOF TEST VOLTAGE AVG [kV]	WITHSTAND TEST VOLTAGE AVG [kV]	MM	MM	MPa	%	
500	750	2,5	12	5	4	8	360	0,5	16	600	Straight

\* A, H, Z and R category gloves may need to be thicker, but never over 0,6 mm.

## ▶ ELSEC 5 kV INSULATING GLOVES



CODE	CLASS/CATEGORY	PROOF VOLTAGE	SIZE
V			
55912000	0/RC	5000	8, 9, 10, 11, 12

### SPECIAL PROPERTIES



ACID



OIL



OZONE



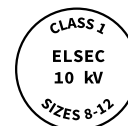
LOW TEMPERATURE

### TECHNICAL CHARACTERISTICS

MAXIMUM USE VOLTAGE		AC TESTS			DC TESTS		LENGTH	MAXIMUM GLOVE THICKNESS*	AVG TENSILE STRENGTH NOT LESS THAN	AVG ELONGATION AT BREAK NOT LESS THAN	CUFF
A.C. [V] R.M.S.	D.C. [V]	PROOF TEST VOLTAGE [kV] RMS	MAXIMUM PROOF TEST CURRENT [mA] RMS, (ROUTINE TEST)	WITHSTAND TEST VOLTAGE [kV] RMS	PROOF TEST VOLTAGE AVG [kV]	WITHSTAND TEST VOLTAGE AVG [kV]	MM	MM	MPa	%	
1000	1500	5	12	10	10	20	360	1,0	16	600	Straight

## 2. ELECTRO-INSULATING PRODUCTS

### ▶ ELSEC 10 kV INSULATING GLOVES



CODE	CLASS/CATEGORY	PROOF VOLTAGE	SIZE
V			
S5913000	1/RC	10000	8, 9, 10, 11, 12

#### SPECIAL PROPERTIES



#### TECHNICAL CHARACTERISTICS

MAXIMUM USE VOLTAGE		AC TESTS			DC TESTS		LENGTH	MAXIMUM GLOVE THICKNESS*	AVG TENSILE STRENGTH NOT LESS THAN	AVG ELONGATION AT BREAK NOT LESS THAN	CUFF
A.C. [V] R.M.S.	D.C. [V]	PROOF TEST VOLTAGE [kV] RMS	MAXIMUM PROOF TEST CURRENT [mA] RMS, (ROUTINE TEST)	WITHSTAND TEST VOLTAGE [kV] RMS	PROOF TEST VOLTAGE AVG [kV]	WITHSTAND TEST VOLTAGE AVG [kV]	MM	MM	MPa	%	
7500	11250	10	14	20	20	40	360	1,5	16	600	Straight

\* A, H, Z and R category gloves may need to be thicker, but never over 0,6 mm.

### ▶ ELSEC 20 kV INSULATING GLOVES



CODE	CLASS/CATEGORY	PROOF VOLTAGE	SIZE
V			
S5914000	2/RC	20000	8, 9, 10, 11, 12

#### SPECIAL PROPERTIES



#### TECHNICAL CHARACTERISTICS

MAXIMUM USE VOLTAGE		AC TESTS			DC TESTS		LENGTH	MAXIMUM GLOVE THICKNESS*	AVG TENSILE STRENGTH NOT LESS THAN	AVG ELONGATION AT BREAK NOT LESS THAN	CUFF
A.C. [V] R.M.S.	D.C. [V]	PROOF TEST VOLTAGE [kV] RMS	MAXIMUM PROOF TEST CURRENT [mA] RMS, (ROUTINE TEST)	WITHSTAND TEST VOLTAGE [kV] RMS	PROOF TEST VOLTAGE AVG [kV]	WITHSTAND TEST VOLTAGE AVG [kV]	MM	MM	MPa	%	
17000	25500	20	16	30	30	60	360	2,3	16	600	Straight

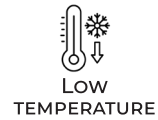
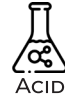
\* A, H, Z and R category gloves may need to be thicker, but never over 0,6 mm.

## ▶ ELSEC 30 kV INSULATING GLOVES



CODE	CLASS/CATEGORY	PROOF VOLTAGE	SIZE
		V	
S5915000	3/RC	30000	9, 10, 11, 12

### SPECIAL PROPERTIES



### TECHNICAL CHARACTERISTICS

MAXIMUM USE VOLTAGE		AC TESTS			DC TESTS		LENGTH	MAXIMUM GLOVE THICKNESS*	AVG TENSILE STRENGTH NOT LESS THAN	AVG ELONGATION AT BREAK NOT LESS THAN	CUFF
A.C. [V] R.M.S.	D.C. [V]	PROOF TEST VOLTAGE [kV] RMS	MAXIMUM PROOF TEST CURRENT [mA] RMS, (ROUTINE TEST)	WITHSTAND TEST VOLTAGE [kV] RMS	PROOF TEST VOLTAGE AVG [kV]	WITHSTAND TEST VOLTAGE AVG [kV]	MM	MM	MPa	%	
26500	39750	30	18	40	40	70	360	2,9	16	600	Straight

\* A, H, Z and R category gloves may need to be thicker, but never over 0,6 mm.

## 2. ELECTRO-INSULATING PRODUCTS

### ▶ ACCESSORIES FOR INSULATING GLOVES

#### ▶▶ LEATHER OVERGLOVES



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S594S300	Working on a live system may expose insulating gloves to mechanical damage. Commonly used insulating gloves are made of latex, which has relatively low mechanical resistance to puncture and cuts. Hence the need to use protective gloves over electrical insulating gloves.	Pair	10

#### ▶▶ COTTON INSERTS



CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
T594W208	Made of fine cotton, they significantly improve the comfort of working, isolate hand from the ELSEC glove latex, and absorb the sweat well. With these inserts the hands are dry, and the work is more pleasant and safer. They also facilitate ELSEC gloves' storing, maintaining keeping clean.	Pair	50

#### ▶▶ CARRING BAG



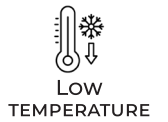
CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
T596T100	Bag for ELSEC gloves that provides safe storage and transport. Made of polyvinyl chloride coated polyester (not permeable to moisture), it has three pockets for three types of gloves, anti-sweat or warm pads, for ELSEC gloves and leather gloves. Fastened with a press stud, has a snap hook, with which the bag with its contents can be freely attached to the tool belt, the bag also has a loop, through which the belt can be inserted.	Pcs	1

# RUBBER

## INSULATING MAT AND CARPET, CLASS 2

> **20kV**  
HIGH  
VOLTAGE

**NATURAL  
LATEX**  
MATERIAL



### APPLICATION

Electrical insulating mats, class 2, are designed to lay on the floor to protect workers against electrical hazards present near electrical equipment with a maximum rated voltage of 17000 V for AC voltage and 25500 V for DC voltage.

### DESCRIPTION

The product has a protruding pattern on the top surface in the form of symmetrically spaced stripes, colour brown. Electrical insulating properties of pavement in class 2: effective value when tested with an alternating test voltage of 20 kV.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
T5920000	Insulating Carpet 750 x 750 mm	Pcs	1
T5921000	Insulating mat width - 1100 mm, length from 2000 to 8000 mm	Pcs	1

### TECHNICAL PARAMETERS

DIMENSIONS			
HEIGHT OF STRIPED	TOTAL THICKNESS	WIDTH	LENGTH AT LEAST
MM	MM	MM	MM
1,5 / ± 0,5	5,0 / +0,5/-0,2	Carpet 750 , Mat 1100 / ± 3,0	Carpet 750 , Mat 2000-8000 / ± 3,0

### REQUIREMENTS

Electrical insulating mats is produced according with PN-EN 61111:2009.



## 2. ELECTRO-INSULATING PRODUCTS

### PHYSICAL AND MECHANICAL PROPERTIES OF THE PRODUCT

No.	PARAMETERS	UNIT	REQUIREMENTS
1.	Hardness	°ShA	66 ÷ 75
2.	Tensile strength, min.	MPa	5
3.	Relative elongation at break min.	%	250
4.	Tear strenght, min.	kN/m	20
5.	Resistance to heat aging in air at 70 °C for 168 h determined by measuring puncture strength, min.	%	80
6.	Puncture resistance, min.	N	70
7.	Slip resistance, min.	N	50
8.	Burn resistance, max.	mm	50
9.	Resistance to low temperatures (-25 °C)	-	no cracks, scratches or abrasions
10.	Resistance to sulfuric acid by measuring puncture resistance, min.	%	75
11.	Resistance to oil no 1 by measuring puncture resistance, min.	%	75



**SECOL HYDROPHILIC PROTECTIVE HAND GEL**  
**SECOSAN AC HYDROPHOBIC HAND CREAM**

p. **68**

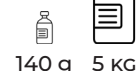
p. **70**

**3.**

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**HAND SKIN PROTECTION**

## HYDROPHILIC PROTECTIVE HAND GEL



### APPLICATION

**SECOL** is a hydrophilic protective hand gel that protects the skin against the harmful or toxic action of:

- paints and lacquers and their solvents (except water and alcohols) ;
- aromatic and aliphatic organic solvents and their derivatives (e.g.: benzene, toluene, xylene, trichloroethylene, chlorobenzene);
- gasoline, kerosene, oils, grease, tar, and other oil derivatives;
- resins, hardening initiators, plasticizers;
- esters and ketones (ethyl acetate, methylethylketone);
- dirty dust including dry soil.

**SECOL** is indispensable in long-lasting or frequent work with the mentioned substances in the case when the use of classical gloves is impossible or inconvenient.

**SECOL** is a modern, reliable, and comfortable in use medium, necessary there when high quality is expected.

### DESCRIPTION

**SECOL** is produced on the base of polyvinyl alcohol with the addition of casein, glycerol, and antifungal agents. All these ingredients are in the form of a solution in ethyl alcohol. After application on the skin of the hands and evaporation of the alcohol, it forms a thin, elastic layer that is resistant as a glove. This layer blocks the contact of the skin with harmful substances without obstructing of the natural breathing of the skin. On the other side, under the protective layer proceeds the process of healing and regeneration of the epidermis.

Thanks to this **SECOL** may be applied also on tiny wounds or certain disease changes on the skin e.g. acne which is cured within 4 weeks of **SECOL** application at 96 % of the controlled group.

**SECOL** has also bacteriostatic properties and forms a barrier against mycosis infections. It does not irritate the skin and does not indicate any allergic activity.

Besides **SECOL** is antistatic and may be applied in contact with flammable or explosive materials. It does not contain silicone.

**SECOL** is easy to apply: easily distributes on the hands, dries quickly, and is easy to wash off after work. The layer remains on the skin for a long time (up to 4 hours).

**SECOL** does not limit manual abilities contrary to protective rubber gloves.

**SECOL** is sold in packets of 140 g and 5 kg.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S5701100	SECOL hydrophilic protective hand gel 140 g	Pcs	50
S5702000	SECOL hydrophilic protective hand gel 5 kg	Pcs	1

### COMPLIANCE WITH STANDARDS

Protective hand gel **SECOL** fulfills the security requirements according to KOW/Z-02/04 "Conformity assessment criteria considering safety. Skin protection equipment. Hydrophilic creams and gels protect against anhydrous and organic substances".

**SECOL** may be applied within the explosion risk areas: 0, 1, 2, 20, 21 and 22, classified according to Polish Standard PN-EN 1127-1:2001 p.6.3. It may be safely applied in contact with flammable and explosive materials, in underground mines qualified as of increased methane explosion areas.

# SECOSAN AC

CREAM  
HANDS

## HYDROPHOBIC PROTECTIVE HAND CREAM

  
EFFECTIVELY  
PROTECTS

  
EASY TO  
USE

  
100 ml



### APPLICATION

**SECOSAN AC** protects the skin creating an impermeable barrier for water and the substances dissolved in it that also prevent skin maceration.

### DESCRIPTION

**SECOSAN AC** is designed to protect hands from aggressive water-based solutions: surfactants and other cleaning agents, acids in concentration up to 5% (hydrochloric, nitric, sulphuric, acetic, lactic and others), alkalis in concentration up to 5% (sodium and potassium hydroxide, ammonia), salts, and other contaminants, e.g. wet soil.

**SECOSAN AC** is recommended for use during cleaning and washing, in food preparation, soil cultivation, gardening, fishery, machining of metal parts with aqueous synthetic fluids, in health services, laboratories, under rubber gloves, etc. The use of **SECOSAN AC** is recommended for jobs that require prolonged or frequent contact with water or moisture, especially when using gloves is prohibited.

Convenient and economical: spread a small amount on hands and let dry for about 2 minutes creating a thin and elastic protecting layer. The liquid component of **SECOSAN AC** penetrates the epidermis softening and oiling the skin.

Washing hands with water removes dirt while the beneficial residue of the cream remains on the skin to protect against contaminants. (The cream is completely removed after a few washes).

**SECOSAN AC** provides a substantial improvement to various skin conditions\*.

**SECOSAN AC** is slightly antiseptic. No skin irritation or sensitization has been observed.

\*Controlled tests performed at the Dermatology Clinic of the Provincial Centre of Labour Medicine in Lublin have shown skin condition improvement with 100% of patients suffering from various skin changes and applying SECOSAN AC.

CODE	DESCRIPTION	UNIT	QUANTITY PER BOX
S5706100	SECOSAN AC hydrophobic protective hand cream 100 ml	Pcs	20

### COMPLIANCE WITH STANDARDS

**SECOSAN AC** is manufactured according to Technological Procedure 12/2003/W prepared by the Central Institute for Labour Protection – National Research Institute (CIOP-PIB). Dermatologically approved.













**SECURA B.C. Sp. z o.o.**

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