Protecting you for life's best moments®

# Respiratory Protection

## Negative Pressure Tight Fitting

100% PRINTED ON RECYCLED PAPER

# GVS Filter Technology

**The GVS Group is one of the world's leading manufacturers of filter solutions for applications in the Health & Safety, Energy, Healthcare & Life Sciences sectors.
GVS technology promotes health and safety in highly regulated environments.**

**Throughout its 40 + year history,
GVS has evolved from a supplier of components for the healthcare sector to a global Group that provides a range of diversified, high-tech filtration solutions.**

## HEALTH & SAFETY

The Health & Safety division of GVS designs and manufactures filtration devices, for personal and collective respiratory protection. From the lightweight and compact reusable Elipse and Integra, for industrial use, to the Segre FFP3/N99 disposable mask used in the healthcare sector, as well as positive pressure respirators, and a full range of energy-saving Bacticell HVAC or HEPA air filters.

## ENERGY & MOBILITY

Thanks to its numerous Development Centers around the world and a global network of production plants, GVS Energy & Mobility successfully meets the needs of its customers on an international scale, guaranteeing constant support from the development phase to product design, from realization of the prototype, up to industrial production, made with the most modern and competitive techniques.

## HEALTHCARE & LIFE SCIENCES

The Healthcare & Life Sciences division of GVS manufactures filters and components to improve hospital patient care and it's a key partner for companies in the biopharma industry and analytical laboratories.

# Safety

**Innovative design, compact profile, replaceable filters, hypo-allergenic materials for a unique kind of comfort, HESPA™ efficiency protection, low breathing resistance**

### Confortable - Light - Compact

The Elipse® range of face masks, designed, developed and made in Europe by GVS, represents a major advance in mask design. As one of the lightest on the market in its class, its ergonomic shape provides maximum visibility to wearers, can safely be worn with goggles, helmets and hearing protection. The ability to replace the filters extends the mask's overall working life.These compact profile masks are made of hypo-allergenic materials and the replaceable filters offer a minimum efficiency of 99,95% or higher at 0,3 microns particle size.

### Fit the contours of your face

A range of extremely lightweight masks that fit perfectly to the face, without hindering the user. The compact profile of the body and filters allows all Elipse® range masks to perfectly seal to the face and ensure the greatest possible field of vision during use, without interfering with other eye or ear protection which users are required to wear. Elipse® comes in 2 sizes.

### Soft and Hypo-Allergenic

Unique comfort, thanks to the flexible and soft characteristics of the TPE (Thermo Plastic Elastomer) used in the Elipse® masks, making them very comfortable even for extended use. The materials that make up the mask are odourless and hypo-allergenic, "FDA" compatible, latex and silicone free. Conforms to ISO 109903-10:2010 skin irritation test of facemask.

MADE IN EUROPE

**The safe choice
100% of filters are efficiency tested**

### Patented technology

The Encapsulation is a patented technology owned by the GVS Group which enables the production of a compact and lightweight filter capturing the pleated media with a soft TPE ring.

### HESPA™ P3 Filters

"High Efficiency Synthetic Particulate Air Filter" (HESPA) is a technology used in all of the Elipse® range, which gives the patented "encapsulation" production process. The 7 layers of combined filter media uses exclusive mechanical filtration technology, guaranteeing the filter efficiency will remain above 99.95% during use. The filters are also water repellent thanks to the nature of the media.

### Protection against Nano Particulates

GVS Elipse P3 particulate filters protect against nano particulates, and have been tested down to 40 nanometers (0.04 microns) still giving an efficiency of >99.95%.

# Guide to respiratory protection

Indications for the choice of respiratory protection devices are based on current knowledge. Before each use of the Elipse® respirator device, the buyer and user must ensure that the masks and filters used are those specified for the type of pollutant and it's concentrations. The ultimate responsibility concerning selection and use of products lies solely with the buyer and user.

### Types of filters

Dust filters are designed to be able to retain airborne particulates and are offered in various constructions, each enhancing the filter's characteristics with use of various types of filter material with different thickness, porosity and types of finish. This enables them to protect against particulates, gases and nuisance odours. Cartridge filters contain specific activated carbon, which retain certain gases and vapours by adsorption, while combined filters can remove gases, vapours and particulates.

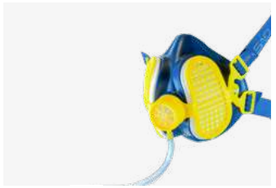
### Technical characteristics of filters

There are various types of particulate dust filters which have different filtration efficiencies. Depending on which you choose, you can have the most suitable means of protection against environmental hazards. The airborne particles are retained by the filter by means of mechanical and/or electrostatic action. In the case of gas filters, substances are retained by the chemical -physical process of the activated carbon contained in the filter, able to adsorb and neutralise contaminants. It is assumed that the efficiency of gas and vapour interception on adsorbent material is 100%, at least until the capacity of the filter material is reached. For gas filters, we refer to ; time to completion or, rather, the period beyond which the filter is saturated and the pollutant begins to pass through the filter. This 'breakthrough' time depends on the quantity and quality of the adsorbent material used, on the active area of the cartridge, on its filtration capacity against the pollutant and on environmental concentrations and conditions.

### Face Fit Testing

Face fit testing is the method used to ensure that a face mask is correctly fitted so that there is no inward leakage of unfiltered air bypassing the edges of the mask. The first objective of the test is to confirm that the wearer knows how to correctly fit the mask by adjusting the straps as well as to validate its performance on the user. The second objective is to verify that the wearer uses a product type or size that fits them correctly.
There are two main methods:
• **Qualitative**: The test subject dons the appropriate RPE, then places a hood over their head creating a chamber. Solution, such as, Bitrex is sprayed into the hood whilst the test subject carries out a number of exercises. The solution should only be tasted if the RPE is poorly fitted.
• **Quantitative**: The subject is tested via a Portacount that will measure the number of particles in the atmosphere versus the number of particles inside the mask, this allows you to calculate a Fit Factor. This type of test also allows you to accurately compare various models of respirators suitability.

SPM414 | Portacount Face Fit Kit adaptor



SPM647 | Portacount P3 Mask Face Fit Kit Adaptor

SPM648 | Portacount Integra P3 Face Fit Kit Adaptor

SPM646 | Portacount Gas Mask Face Fit Kit Adaptor

SPM002 | Qualitative Face Fit Kit

# Protection against particulate (dust, mists and toxic fumes)

**Dust:** dust forms when a solid material is broken down into tiny fragments. The finer the dust, the higher the risk.

**Mist:** mists are tiny droplets that are formed from liquid materials by atomization and condensation processes, such as spray painting.

**Fumes:** fumes are formed when a solid material is vaporized by high heat, the Vapor cools quickly and condenses into very fine particles.

Respiratory filters have 3 classes of protection in EN143 with increasing efficiency, normally expressed with a Nominal Protection Factor (NPF) which is the ratio between concentration of the contaminant in the environment and inside the mask. The resulting factor indicates how many times the device can reduce the external concentration.
Each country in europe may define differently the NPE.

| Classes of efficiency of dust respirators | Minimum total filtration efficiency | NPF* | Max external concentration |
|---|---|---|---|
| P1 | 80% | 4 | Up to 4 x TLV |
| P2 | 94% | 10 | Up to 10 x TLV |
| P3 | 99,95% | 40 | Up to 40 x TLV |

# Protection Against Gases and Vapors

**Gas and vapour are molecular, so small that they can penetrate particulate filters. You need to use a chemical filter with these.**

Anti-gas respirators have activated carbon filters which, for physical or chemical adsorption, withhold the harmful substances that are distinguished by identifying letters and colors: NIOSH approved respiratory gas and vapor filters are distinguished by identifying colors:

| Type | Protection |
|---|---|
| A | organic gases and vapours with a boiling point above 65°C |
| B | inorganic gases and vapours (excluding carbon monoxide) |
| E | sulphur dioxide and other acidic gases and vapours |
| K | ammonia and organic ammonia derivatives |
| AX | certain organic gases and vapours with a boiling point ≤ 65 °C. For single use only. |

* NPF for the United Kindgom. Other countries may have different regulations.

# Guide to choosing respiratory and filters

| INDUSTRY | HARMFUL SUBSTANCE / RISK | Suggested Filter | | | | |
|---|---|---|---|---|---|---|
| | | P3 | P3 nuisance | A1P3 | B1P3 | ABE1P3 |
| Agriculture | Grain Dust | ✓ | | | | |
| | Pesticides | | | ✓ | | ✓ |
| Automotive | Paint Vapour until 5000ppm | | | | | |
| Construction | Silica Dust | ✓ | | | | |
| | Paint Vapour until 1000ppm | | | ✓ | | ✓ |
| | Asbestos | ✓ | | | | |
| | Moulds | | ✓ | ✓ | | ✓ |
| | Concrete Dust | ✓ | | | | |
| Building Materials | Stone Dust | ✓ | | | | |
| | Aggregate Dust | ✓ | | | | |
| | Wood Dust | ✓ | | | | |
| | Cement Dust | ✓ | | | | |
| Food | Poultry | ✓ | | | | |
| | Powders (Dairy) | ✓ | | | | |
| | Spices | | ✓ | | | |
| Manufacturing | Glass Fibres | ✓ | | | | |
| | Cyclohexane | ✓ | | ✓ | | ✓ |
| | Composite Fibres | ✓ | | | | |
| | Solvants | | | ✓ | | ✓ |
| | Lead Fumes | ✓ | | | | |
| | Chlorine | | | | ✓ | ✓ |
| | Formaldehyde | | | | ✓ | ✓ |
| | Sulfuric Acid (gas only) | | | | ✓ | ✓ |
| | Sulfuric Acid (powder) | | | | ✓ | ✓ |
| | Ammonia based chemicals | | | | | |
| Mining | Coal Dust | ✓ | | | | |
| | Silica Dust | ✓ | | | | |
| Welding and Metal Industry | Metal (any) | ✓ | ✓ | | | |
| | Painted metal (repair) | | | ✓ | | ✓ |

This is only a guideline that will recommend the lowest level of protection suitable, and for only one contaminant at a time.

| Suggested Filter | | | | | |
|---|---|---|---|---|---|
| A2P3 | A1 | AE1 | E1 | ABEK1 | ABEK1P3 |
| | | | | | |
| ✓ | | | | | ✓ |
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| ✓ | | | | | ✓ |

It is the responsibility of the user to choose the adequate protection for the workplace.
For more detailed information please contact your sales advisor locally.

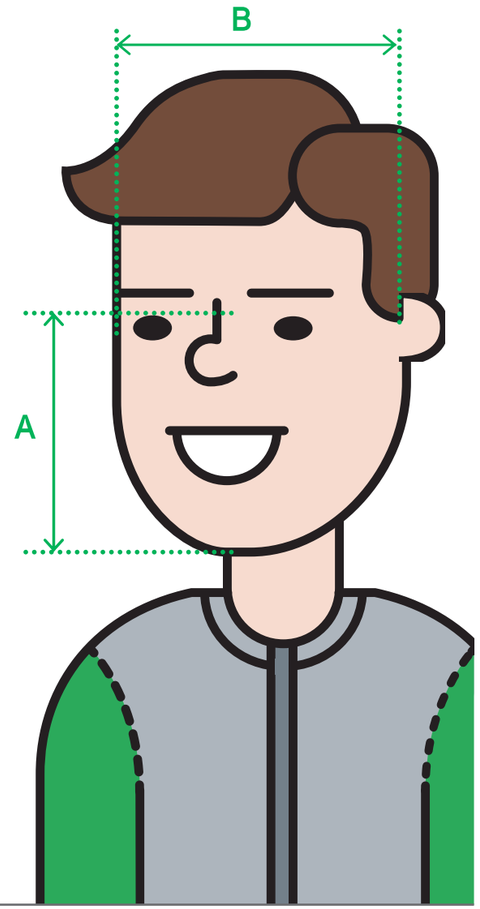
# GVS Elipse Masks Sizes Guide

**A: Face Length**
Measure the distance from the bridge of your nose to the point of your chin.

**B: Face Width**
Measure the distance between the zygomatic arches (from one cheekbone to the other).

| Face Width: A | | | | |
|---|---|---|---|---|
| | 128.5 mm - 138.5 mm | M/L | M/L | M/L |
| | 118.5 mm - 128.5 mm | S/M | M/L | M/L |
| | 108.5 mm - 118.5 mm | S/M | S/M | M/L |
| | 98.5 mm - 108.5 mm | S/M | S/M | S/M |
| | | 120.5 mm - 133 mm | 133 mm - 146 mm | 146 mm - 158.5 mm |
| | | Face Width: B | | |

**All measurements are in mm.**




*Note: Size Chart is a guide only, correct sizing and fit must be qualified using either a quantitative or qualitative face fit test in accordance with National/Local regulations.

It is the responsibility of the user to choose the adequate protection for the workplace.

For more detailed information please contact your local sales advisor.

## Designed to fit the contours of your face

# Elipse DUST MASK - P3 HESPA™
## With replaceable filters for dust, fumes and mists

130 g

### Description
Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a full range of vision without interfering with other eye or ear protection which users are required to wear. Large central non-return valve means lower breathing resistance for the user and keeps moisture build-up inside the mask to a minimum. Lightweight, non-slip strap that is easily adjusted in 4 positions for improved comfort and to allow safe use even in high humidity or wet conditions. Elipse® come in 2 sizes.

### Protection properties
Effective against dust and fumes containing substances such as micro-organisms, marble, gypsum, titanium oxide, soapstone, rock wool, wood, detergents, textile fibres, spices, salt, animal feeds, etc.. Protects against dust that can cause lung disease. In particular, protects against coal, silica, cotton, iron ore, graphite, kaolin, zinc, aluminium dusts. Protects against harmful dusts such as asbestos, bauxite, coal, silica, iron, and against toxic dusts such as manganese, lead and chromium. Each respirator is supplied pre-fitted with two particulate filters. Pleated, interchangeable P3 filters have a minimum efficiency of 99,95% at 0,3 microns and a breathing resistance of 3 mbar at a flow rate of 47,5 l/min for each filter.

### Applications
Mining, steel mills, foundries, mechanical, pharmaceutical, cement, glass, ceramics, chemicals, textile industries, shipyards, battery manufacturing, waste management, construction, heavy metals (lead, nickel, chromium), rail industry.

### Certifications
Mask conforms to EN 140:1998
Filters conform to EN 143:2000+A1:2006
Masks and filters are CE certified.

### Materials
The materials used for masks and filters are hypo-allergenic, odourless, medical grade and without latex or silicone.

### Batch Reports
Full traceability of each batch against each material used.

### On line testing
100% of filters are efficiency tested with NaCl to ensure the highest performance and quality.

### Storage life
Elipse P3 R D : 5 years.
Elipse P3 Nuisance Odour R D : 5 years.

### Characteristics

**Material:**
Mask: Medical grade TPE (Silicone free).
Filters: Mechanical type HESPA™ Synthetic media with TPE over molded / encapsulated.
Filters are water repellent and reusable.

**Lifetime:**
Filters can be used until fully clogged and / or when the wearer feels uncomfortable. The lifetime will depends on the concentration in the workplace and the activity level.

The filtration level will stay constant and superior at 99.95% or greater throughout its use.
The mask is durable and the lifetime depends on the storage and care.

It is advised to use the carry case below.

## Model

SPR299 (S/M)
SPR501 (M/L)

Elipse Half Mask complete with P3 filters

SPR316

Elipse P3 replacement filters

SPR337 (S/M)
SPR502 (M/L)

Elipse Half Mask complete with P3 nuisance odour filters

SPR336

Elipse P3 nuisance odour replacement filters

## Accessories

SPM001 — Elipse Dust Mask Carry Case (Belt holder)

SPM414 — Portacount Face Fit Kit adaptor

SPM647 — Portacount P3 Mask Face Fit Kit Adaptor

# Elipse® P3 Source Control Respirator

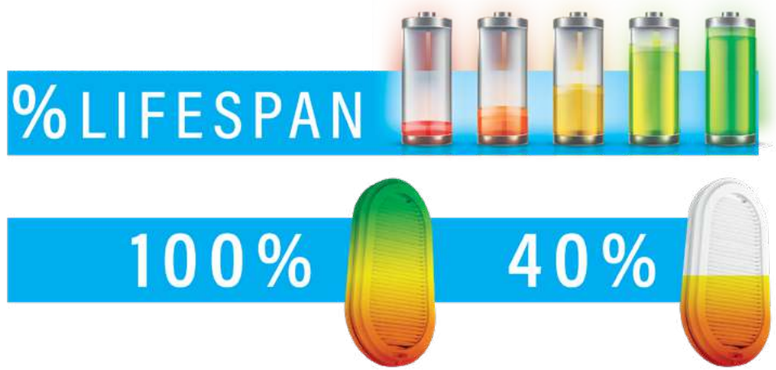
The source control version of the Elipse P3 mask was developed to prevent the wearer from exhaling bacteria and viruses through the central valve, preventing contamination of those around the wearer. In the event of a pandemic such as that seen with Covid-19, both the wearer and those around them would be protected by the mask's filters. The design incorporates a large surface area of filter media providing the wearer a comfortable experience, with no resistance when breathing. The exhalation filter has a Bacterial Filtration Efficiency in excess of 99.9%.

SPR649 (S/M)
SPR650 (M/L)
Elipse Source Control Mask with P3 filters

SPM652
P3 Source Control Filters Pads Kit

SPM900
Mask and P3 Filters Sterilizer

# Ever wonder about the lifespan of your dust filters?

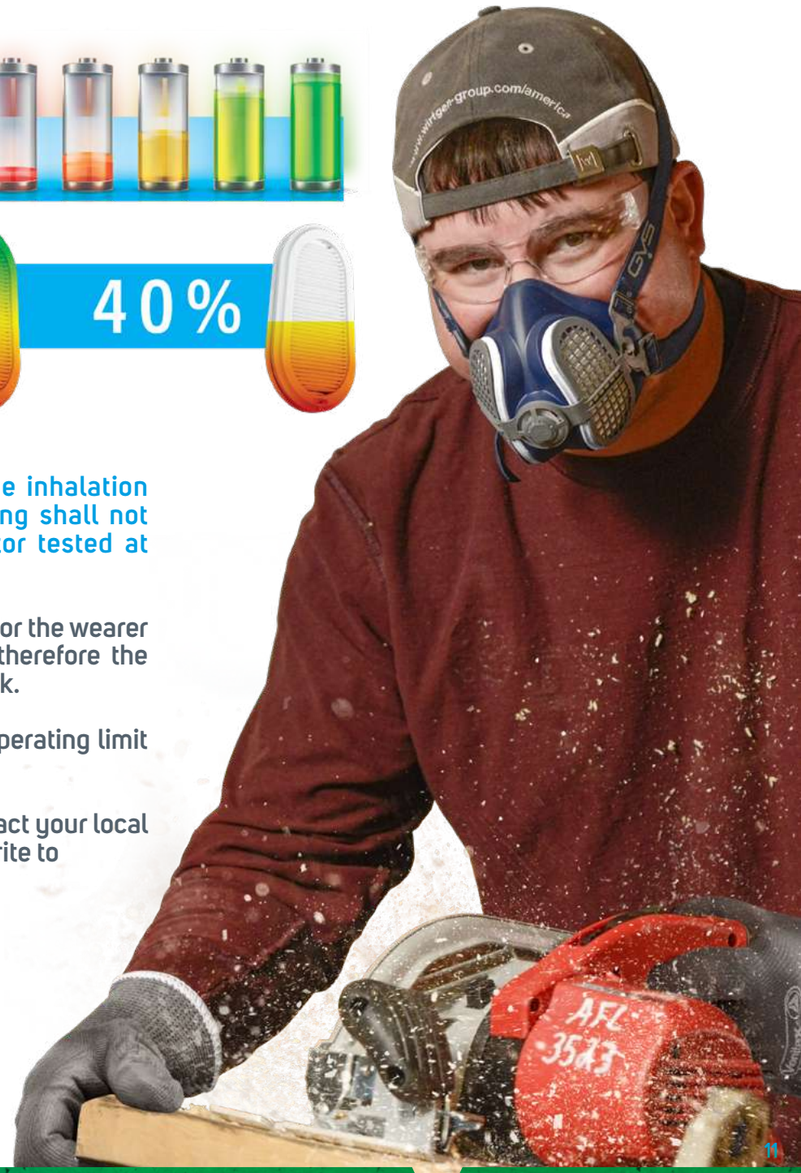



EN143 and EN149 states that the inhalation breathing resistance after clogging shall not exceed 7 mbar for a P3 respirator tested at 95l/min.

This can be interpreted as the limit for the wearer to use the respirator safely , and therefore the time to change the filters or the mask.

Do you want to set up a standard operating limit in your plant and workshop?

GVS can test your used filters, contact your local representative for more details or write to gvs@gvs.com



Elipse
EN 140 + EN 143

VS

Disposable
masks EN 149

comfort

leakage

<2%

<5%

P3 filtration

>99,95%

99%

dust protection
micron size tested

0,3 µm

0,6 µm

waste reduction

cost savings

Please contact your GVS representative for a cost saving demonstration


COST REDUCTION UP TO 50%
Using GVS Elipse instead of disposable respirator

# Low Profile Gas and Dust filters & masks

## Elipse low profile Gas & Particulate Mask

270 g

### Description

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a full range of visibility without interfering with other eye or ear protections which users choose to wear.
Large central non-return valve which allows for a reduction of breathing resistance for the user and keeps moisture build-up inside the mask to a minimum. Lightweight, non-slip strap that is easily adjusted in 4 positions for improved comfort and to allow safe use even in high humidity or wet conditions. Elipse® comes in 2 sizes.

### Protection properties

The gas cartridges contain specific activated carbon granules with optimised characteristics such as pore size, grain size, activity level, density etc, which provide a maximum adsorption performance and a low breathing resistance. Each respirator is supplied pre-fitted with two gas cartridge filters for the protection against a range of gases, vapours, dust and mists. Once the cartridges are finished, they can be replaced with new filters. These offer versatile protection against substances in concentrations up to 1,000 ppm (5000 ppm for A2P3 filters) and from dust and mists up to 50 TLV.

### Applications

- A1P3/A2P3: Painting, Solvents into Automotive and Shipyard industry or repair.

- B1P3: Manufacturing using Iodine, Chlorine or Formaldehyde such as in insulation, industrial or consumer products, metal separation, microelectronics.

- ABE1P3: Multigas and dust risks (excluding amonia), in chemical production and handling environment.

### Certifications

Mask conforms to EN 140:1998
Filters conform to EN 14387:2004+A1:2008
Maintenance Free masks conform to EN 405:2001+A1:2009
Masks and filters are CE certified.

### Materials

The materials used for masks and filters are hypo-allergenic, odourless, FDA compatible and non latex or silicone.

### Batch Reports

Full traceability of each batch against each material used.

### On line testing

100% of filters are efficiency tested with NaCl to ensure the highest performance and quality.

### Storage life:

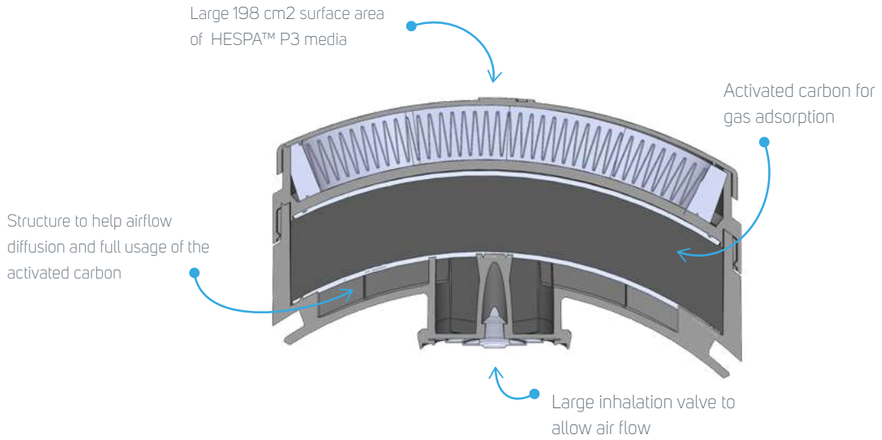
5 years, for mask and filters.

## Characteristics

### Material:
Mask: Medical grade
TPE (Silicone free).

### Filters:
- Activated carbon with ABS shell.
- Mechanical type HESPA™ Synthetic media with TPE over mould / encapsulation.

### Lifetime:
Filters can be used until fully clogged and / or the wearer feels uncomfortable or until the activated carbon is exhausted and the wearer can smell / taste the contaminant. The lifetime will depend on the concentration in the workplace and the activity level. The filtration level will stay constant throughout the usage. All masks are supplied with an aluminium zip foilbag for storage to maximize the life expectancy of the activated carbon. The particulate element lifetime can also be increased by usage of our pre-filter kits below.




## Accessories

SPM420

Prefilter Kits
2 holder and 10 pads

SPM008

GVS Low Profile
Mask Carry Case

SPM646

Portacount Gas Mask Face Fit Kit
Adaptor

SPM421

20 Pads Kit

## Model

SPR341

Pair of replacement
A1P3 Filters

SPR426

Pair of replacement
B1P3 Filters

SPR338 (S/M)
SPR503 (M/L)

A1P3 Reusable Half Mask for Organic Gases and Dust until 1000 ppm

SPR425 (S/M)
SPR505 (M/L)

B1P3 Reusable Half Mask for Inorganic Gases and Dust

SPR582

Pair of replacement
ABE1P3 Filters

SPR580 (S/M)
SPR581 (M/L)

ABE1P3 Reusable Half Mask for Organic, Inorganic and Acidic Gases and Dust

SPR359 (S/M)
SPR504 (M/L)

FFA1P3 Maintenance Free Half Mask for Organic Gases and Dust Filters can not be replaced

SPR670

Pair of replacement
A2P3 Filters

SPR668 (S/M)
SPR669 (M/L)

A2P3 Reusable Half Mask for Organic Gases, Vapours and Dust until 5000 ppm

SPR671 (S/M)
SPR672 (M/L)

FFA2P3 Maintenance Free Half Mask for Organic Gases, Vapours and Dust until 5000 ppm

# High Performance Gas filters and masks

## Elipse high performance Gas & Mask
## The complete gas filter range

367 g

### Description

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a full range of visibility without interfering with other eye or ear protections which users choose to wear.
Cartridge filters with lower breathing resistance, increase in gas performance and greater duration of use.
Easy to adjust headband clip with enhanced retention performance.
Elipse® comes in 2 sizes (small / medium & medium / large).

### Protection properties

The gas cartridges contain specific activated carbon granules with optimised characteristics such as pore size, grain size, activity level, density etc, which provide a maximum adsorption performance and a really low breathing resistance. Each respirator is supplied pre-fitted with two gas or combined gas & particulate cartridge filters for the protection against a range of gases, vapours, dust and mists. Once the cartridges are finished, they can be replaced with new filters. These offer versatile protection against substances in concentrations up to 5,000 ppm and from dust and mists up to 50 TLV.

### Application

| Type | Protection |
|---|---|
| A | organic gases and vapours with a boiling point above 65°C |
| B | inorganic gases and vapours (excluding carbon monoxide) |
| E | sulphur dioxide and other acidic gases and vapours |
| K | ammonia and organic ammonia derivatives |
| AX | certain organic gases and vapours with a boiling point ≤ 65 °C. For single use only. |

### Certifications

Mask conforms to EN 140:1998
Filters conform to EN 14387:2004+A1:2008
Maintenance Free masks conform to EN 405:2001+A1:2009
Masks and filters are CE certified.

### Materials

The materials used for masks and filters are hypo-allergenic, odourless, FDA compatible and non latex or silicone.

### Batch Reports

Full traceability of each batch against each material used.

### On line testing

100% of filters are efficiency tested with NaCl to ensure the highest performance and quality.

### Storage life

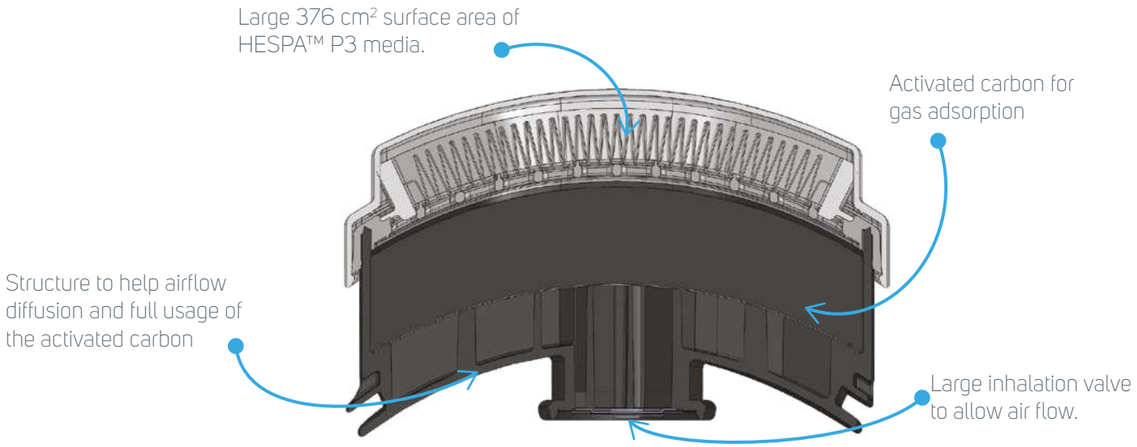
5 years, for mask and filters.

# Elipse High Performance Gas Mask Characteristics

## Characteristics

**Material:**
**Mask:** Medical grade TPE (Silicone free).
**Filters:**
• Activated carbon with ABS shell.
• Mechanical type HESPA™ Synthetic media with TPE over mould /encapsulation (for combined filters with P3 protection).

**Lifetime:**
Filters can be used until fully clogged and / or the wearer feels uncomfortable or until the activated carbon is exhausted and the wearer can smell / taste the contaminant. The lifetime will depend on the concentration in the workplace and the activity level. The filtration level will stay constant all along the usage. All masks are supplied with an aluminium zip foilbag for storage to maximize the life expectancy of the activated carbon. The P3 element is designed for a longer lifetime with double the amount of material usually put in other ranges.




## Model

SPR497

A2P3 Replacement filters

SPR495 (S/M)
SPR496 (M/L)

A2P3 Reusable Half Mask Organic Gases and Vapours until 5000 ppm and Dust

SPR492

ABEK1P3 Replacement filters

SPR490 (S/M)
SPR491 (M/L)

ABEK1P3 Reusable Half Mask for multiple Gases and Vapours and Dust

SPR498 (S/M)
SPR499 (M/L)

FFA2P3 (EN405)Maintenance Free Organic Gases and Vapours until 5000 ppm and Dust Filters can not be replaced

SPR493 (S/M)
SPR494 (M/L)

FFABEK1P3 (EN405)Maintenance Free Half Mask for multiple Gases and Vapours and Dust Filters can not be replaced

SPR513

A1 Replacement filters

SPR511 (S/M)
SPR512 (M/L)

A1 Reusable Half Mask for Organic Gases and Vapours until 1000 ppm

SPR516

E1 Replacement filters

SPR514 (S/M)
SPR515 (M/L)

E1 Reusable Half Mask for Acidic Gases and Vapours

SPR519

AE1 Replacement filters

SPR489

ABEK1 Replacement filters

SPR517 (S/M)
SPR518 (M/L)

AE1 Reusable Half Mask for Acidic and Organic Gases and Vapours

SPR487 (S/M)
SPR488 (M/L)

ABEK1 Reusable Half Mask for multiple Gases and Vapours

## Accessories


SPM009 | GVS High Performance Half Mask Carry Case

SPM646 | Portacount Gas Mask Face Fit Kit Adaptor

SPM578 | Head Cradle Accessory

SPM523 | Pair of lids for P3 filters for High Performance Half Mask

SPM524 | Pair of P3 replacement filters for High Performance Half Mask

# The Integra 3/4 Mask system

# INTEGRA

Integra is tested and approved as one combined respiratory protection to EN 140.
It is the only half mask approved with permanently fixed safety eyewear

Anti-Scratch exceeding EN 166 requirement

Increased Field of Vision

Front and lateral impacts

Complete seal tested to not let contaminants in the mask


Easy Adjustment

Internal Anti Fog treatment

Choice of filters from Dust to Combined Gas

## Elipse integra combined eye and respiratory protection

## The combined safety

342 g

203 g

### Description

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a unique and innovative combined protection, reducing risks of non-compatibility, non-conformity and mist build-up. Large central non-return exhalation valve which reduces the breathing resistance for the user and keeps moisture build-up inside the mask to a minimum. Lightweight, non-slip strap that is easily adjusted in 4 positions for improved comfort and to allow safe use even in high humidity or wet conditions. Elipse® Integra come in 2 sizes.

### Protection properties

The lens is designed in Polycarbonate and can withstand 120 m per second impacts. The coating applied meets (N) Anti Fog and exceeds the standard (K) anti-scratch coating seen on the market for a longer durability. Each respirator is supplied pre-fitted with two gas or combined gas & particulate cartridge filters. Elipse Integra is compatible with the current Elipse® filter range.

### Application

| Type | Protection |
|---|---|
| A | organic gases and vapours with a boiling point above 65°C |
| B | inorganic gases and vapours (excluding carbon monoxide) |
| E | sulphur dioxide and other acidic gases and vapours |
| K | ammonia and organic ammonia derivatives |
| AX | certain organic gases and vapours with a boiling point ≤ 65 °C. For single use only. |

### Certifications

Integra Mask (Goggle combined) conforms to EN 140:1998
Integra Mask (Goggle combined) conforms to EN 166:2002
Particulate filters conform to EN 143:2000+A1:2006
Gas and combined gas & particulate filters conform to EN 14387:2004+A1:2008 Integra Masks and filters are CE certified.

### Materials

The materials used for masks and filters are hypo-allergenic, odour-less, FDA compatible and non latex or silicone.

### Batch Reports

Full traceability of each batch against each material used.

### On line testing

100% of filters are efficiency tested with NaCl to ensure the highest performance and quality.

### Storage life

5 years, for mask and filters for gases
5 years, for mask and filters for particulates
5 years, for mask and filters for particulates with nuisance odour

## Characteristics

### Material

Mask: Medical grade TPE (Silicone free).
Goggle lens: Polycarbonate with flow coating for anti-scratch/anti-fog.
Goggle face seal: Medical grade TPE (Silicone free).

### Lifetime

Filters are identical to Elipse® Range and follow the same criteria for lifetime.
Filters can be used for both Elipse® and Integra Range.

# Model

SPR407 (S/M)
SPR406 (M/L)

P3 Elipse Integra Mask for application with Dust only

SPR316

P3 replacement filters

SPR404 (S/M)
SPR405 (M/L)

P3 Nuisance odour Elipse Integra Mask for application with Dust only

SPR336

P3 nuisance odour replacement filters

SPR444 (S/M)
SPR401 (M/L)

A1P3 Elipse Integra Mask for application with Organic Gases and Dust until 1000 ppm

SPR341

A1P3 replacement filters

SPR583 (S/M)
SPR584 (M/L)

ABE1P3 Elipse Integra Mask for application with Organic, Inorganic and Acidic Gases and Dust

SPR582

Pair of replacement ABE1P3 Filters

SPR673 (S/M)
SPR674 (M/L)

A2P3 Elipse Integra Mask for application with Organic Gases until 5000 ppm and Dust

SPR670

A2P3 replacement filters

SPR536 (S/M)
SPR537 (M/L)

A2P3 Elipse Integra Mask Organic Gases and Vapours until 5000 ppm and Dust

SPR497

A2P3 Replacement filters

SPR538 (S/M)
SPR539 (M/L)

ABEK1 Elipse Integra Mask for multiple Gases and Vapours

SPR489

ABEK1 Replacement filters

SPR534 (S/M)
SPR535 (M/L)

ABEK1P3 Elipse Integra Mask for multiple Gases, Vapours and Dust

SPR492

ABEK1P3 Replacement filters

# Accessories

SPM007

Integra Case

SPM648

Portacount Integra Mask Face Fit Kit Adaptor

SPM646

Portacount Gas Mask Face Fit Kit Adaptor

SPM520

Elipse Integra Pack of 10 peel off visor

SPM523

Pair of lids for P3 filters for High Performance Half Mask

SPM524

Pair of P3 replacement filters for High Performance Half Mask

# GVS masks spare parts list

SPM558

Elipse Mask Particulate Strap Support Assembly

SPM559

Elipse Integra Particulate Strap Support Assembly

SPM565

Elipse Mask slim rubber headband pad

SPM578

Elipse Mask cradle pad

SPM571

Pair of elastics for Elipse Masks

SPM566

Valve cover for All Elipse Gas Masks



SPM568

Pack of 3 valve diaphragms for Elipse Masks and Gas filters

SPM562

Plastic cover kit for Low Profile Elipse Gas Mask/Filters

SPM561

Pack of 4 headband clips for Elipse Integra and High Efficiency Gas Masks

SPM563

Pack of 2 turnbuckles for Elipse Masks

SPM560

Pack of 2 headband connector for Elipse Low Profile Gas Masks

SPM564

Pack of 2 headband connectors for Elipse High Efficiency Gas Mask

SPM569

Pack of 2 headband connector for Elipse Integra Low Profile Gas Masks

SPM567

Pack of 2 headband connectors for Elipse Integra High Efficiency Gas Mask

SPM646

Portacount Gas Mask Face Fit Kit Adaptor

SPM639

Elipse Integra RX Insert prescription lens carrier

SPM647

Portacount P3 Mask Face Fit Kit Adaptor

SPM648

Portacount Integra Mask Face Fit Kit Adaptor

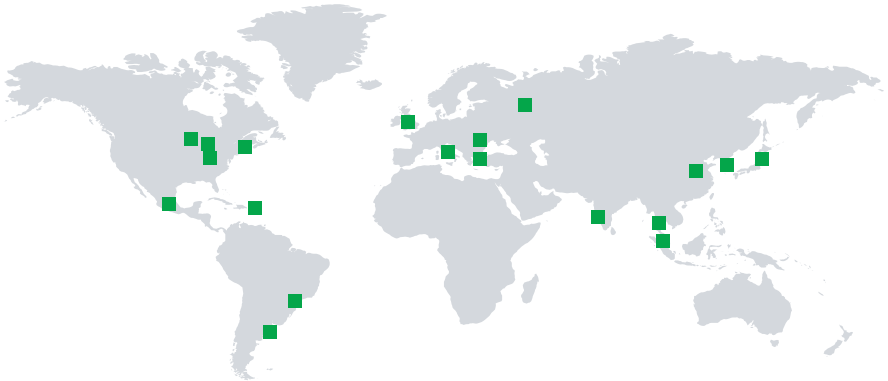
SPM414

Portacount Face Fit Kit adaptor

SPM900

Mask and P3 Filters Sterilizer

# Worldwide





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