GVS

FILTER TECHNOLOGY

Respiratory Protection

GVS FILTER TECHNOLOGY

The GVS Group is one of the world's leading manufacturers of microfiltration devices. GVS Filter Technology produces a wide range of filters and components, including GVS innovative in-house filtration media development, covering many applications in the Healthcare, Life Sciences, Automotive, Appliance, Safety, Chemical & Carbon, Cosmetic and Building applications. GVS Safety Filtration division provides a custom design and manufacture capability in addition to an already extensive proprietary range. GVS manufacture in several worldwide locations such as China, Brazil, USA, Italy, Romania and UK, having its head office in Bologna, Italy.

SAFETY

INNOVATIVE DESIGN, COMPACT PROFILE, REPLACEABLE FILTERS, HYPO-ALLERGENIC MATERIALS FOR A UNIQUE KIND OF COMFORT, HEPA EFFICIENCY PROTECTION, LOW BREATHING RESISTANCE

••• SOFT - LIGHT - RESISTANT

The Elipse® range of face masks, designed, developed and made in the UK by GVS, represent 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, and the ability to replace 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.

••• ANATOMICAL DESIGN

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 protections which users choose to wear. Elipse® come in 2 sizes.

••• COMFORTABLE 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.

••• REPLACEABLE FILTERS

Unique, small, thin, flexible, strong, lightweight filters, which are patented, innovative and extremely effective.The development of the Elipse® pioneering filters are specifically designed to be the smallest, lightest filters with the lowest breathing resistance to that of a similar size particulate filter.

••• HIGH PROTECTION AND RESISTANCE

Maximum protection from vapors, dust, metal fumes, oil and water mists, micro-organisms with a minimum efficiency of 99,95%.
The use of HESPA® filter media, a special synthetic material developed by GVS, ensures high efficiency and low breathing resistance, therefore less resistance to air flow, ensuring less fatigue for the user.

The materials used in the construction of the mask are classified as F1 in accordance with standard DIN 53438, which determines the class of fire resistance and flame retardancy.

Elipse® is made in UK

GUIDE TO RESPIRATORY PROTECTION

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

••• TYPES OF FILTERS

Dust filters are able to retain airborne particulates and are offered in various constructions, which enhance the filter's characteristics with use of various types of filter material with different thickness, porosity and surfaces, to protect against particulates, gases and nuisance odors. Activated carbon cartridge filters contain specific activated carbon, which retain certain gases and vapors by adsorption, while combined filters can remove both gases, vapors and particulates.

••• TECHNICAL CHARACTERISTICS OF FILTERS

There are various types of particulate dust filters which have different filtration efficiency. Depending on which you choose, you can have the most suitable means of protection again environmental pollution conditions. 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 action of activated carbons in the filter, able to adsorb and neutralise contaminants. It is assumed that the efficiency of gas and vapor interception on adsorbent material is 100%, at least until the completion of the capacity of the filter material. 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 of adsorbent material used, on its filtration capacity against the pollutant and on environmental concentrations.

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 via the edges of the mask. One 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 him 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.

Our UK Sales team is Fit2Fit accredited and can supply necessary training or advice.

fit2fit ACCREDITED RPE Fit Test Provider

Model	Description	Code	Packaging
	Qualitative Face Fit Kit	SPM002	1 kit per box
	Portacount Face Fit Kit adaptor	SPM414	10 sets per box

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.

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

FUMES: fumes are formed when a solid material is vaporised by the high heat. The vapour 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.

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

Anti-dust filters are distinguished by the colour WHITE.

Protection against gases and vapors

Gases and vapours: gases and vapours are molecules, so small that they penetrate particulate filters. You need to use a chemical filter against 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 colours:

Type	Protection	Class
A	organic gases and vapours with a boiling point above 65°C	1, 2, 3
B	inorganic gases and vapours (excluding carbon monoxide)	1, 2, 3
E	sulphur dioxide and other acidic gases and vapours	1, 2, 3
K	ammonia and organic ammonia derivatives	1, 2, 3
AX	certain organic gases and vapours with a boiling point ≤ 65 °C. For single use only.	

There are three protection classes for each type of anti-gas filter, depending on the amount of contaminants that the filter is able to adsorb. The choice is therefore determined by the predicted concentration of the pollutant:

Class	Capacity	Limit of use
1	low	1,000 ppm
2	medium	5,000 ppm
3	high	10,000 ppm

Combined filters (gas and dust), besides the colour of the specific gas/es, include a white band and their marking shows all the distinctive letters with their relative efficiency classes.

GUIDE TO CHOOSING RESPIRATORY AND FILTERS

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

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

Suggested Filter					
A1	AE1	E1	A2P3	ABEK	ABEKP3
			V		
			V		
V	V			V	
V	V		V		V
					V
					V
	V	V			
					V
				V	
			V		

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.

FILTER TECHNOLOGY

elipse

Designed to fit the contours of your face

ELIPSE DUST MASK - P3

with replaceable filters for dust, fumes and mists

••• DESCRIPTION

Compact, lightweight and flexible design which adapts perfectly to the face and offers a full range of vision without interfering with other eye or ear protections which users choose to wear. Large central non-return valve which allows for a reduction of the user's breathing resistance and 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, feed, 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.
Pleated, interchangeable P3 filters have a minimum efficiency of 99,95%, at 0,3 microns and a breathing resistance of 4,2 mbar at a flow of 47,5 L/min for each filter. Maximum breathing resistance after loading is 7 mbar.

••• FIELDS OF APPLICATION

Mining, steel mills, foundries, mechanical, pharmaceutical, cement, glass, ceramics, chemicals, textile industries. Shipyards, battery manufacturing, toxic waste elimination, with asbestos fibres, reclamation, heavy metals (lead, nickel, chromium), active manipulation.

••• CERTIFICATIONS

Mask conforms to EN140: 1998
Filters conform to BS EN143: 2000/A1 P3 (R D)
Masks and filters are CE certified.

••• TYPE OF FILTER / CLASS

HESPA (High Efficiency Synthetic Particulate Airfilter) + P3 (R D)
* >99,95% (minimum efficiency).
Available with activated carbon for removal of small concentration of organic vapors/odors and a higher comfort.

••• MATERIALS

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

••• TEMPERATURE RANGE

-5°C +55°C

••• STORAGE LIFE: ELIPSE P3 (R D)

5 years, for mask and filters.

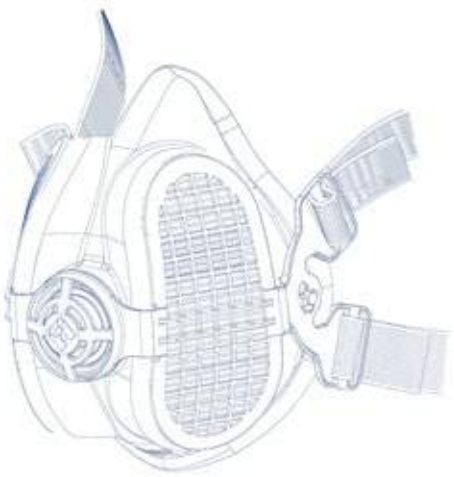
ELIPSE DUST MASK CHARACTERISTICS

Dimensions
Mask: 93 x 128 x 110 mm
Filter: 12 x 94 x 50 mm

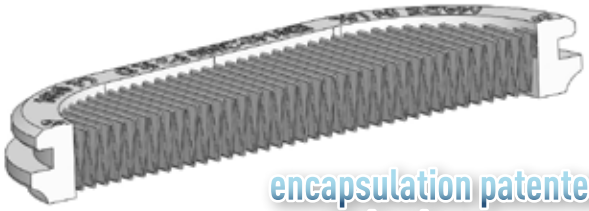
Weight
Mask + Filter: 132 g
Mask body: 97,6 g
Filter only 17,2 g each

Material:
Mask: Medical grade TPE (Silicon free).
Filters: Mechanical type HESPA Synthetic media with TPE over molded / encapsulated. Filters are water repellant and re-usable.

Lifetime:
Filters can be used until clogging and 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% all along the usage. The mask is durable and the lifetime depends on the storage and care.
All masks are supplied with a polybag for storage but it is also advised to use the carry case below.



Model	Description	Code	Packaging
	Elipse Half Mask complete with P3 filters	SPR299 (S/M) SPR501 (M/L)	10 pcs. per box
	Elipse P3 replacement filters	SPR316	10 sets of 2 pcs. per box
	Elipse Half Mask complete with P3 nuisance odour filters	SPR337 (S/M) SPR502 (M/L)	10 pcs. per box
	Elipse P3 nuisance odour replacement filters	SPR336	10 sets of 2 pcs. per box
	Elispe Dust Mask Carry Case (Belt holder)	SPM001	10 sets per box
	Portacount Face Fit Kit adaptor	SPM414	10 sets per box



encapsulation patented technology

ELIPSE
EN140 EN143

VS

DISPOSABLE MASKS EN149

ELIPSE		DISPOSABLE MASKS EN149
+	COMFORT	−
<2%	LEAKAGE	<5%
>99,95%	P3 FILTRATION	99%
0,3 µm	DUST PROCECTION MICRON SIZE TESTED	0,6 µm
V	DOLOMITE TEST	OPTION
♻	COST SAVINGS	🗑

Please contact your GVS representative for a cost saving demonstration

FILTER TECHNOLOGY

elipse

Low Profile Gas and Dust filters

ELIPSE LOW PROFILE COMBINED GAS & PARTICULATE MASK

● ● ● DESCRIPTION

Compact, lightweight and flexible design which adapts 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 the user's breathing resistance 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

The activated carbon has a selected pore structure for maximum adsorbtion efficiency and a selected pore size for an optimised breathing resistance. The respirator is supplied with two specific activated carbon filtering elements for the protection against a range of gases, vapors, dust and mists. Once these are finished, they can be replaced with replacement filters. These offer versatile protection against substances in concentrations up to 1,000 ppm...xTLV and from dust and mists up to 50 TLV.

● ● ● FIELDS OF APPLICATION

- A1P3: Painting, Solvents into Automotive and Shipyard industry or repair. Also using into construction.

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

● ● ● CERTIFICATIONS

Mask conforms to EN140: 1998
Filters conform to EN14387: (R D)
Maintenance Free masks conform to EN405 (R D)
Masks and filters are CE certified.

● ● ● TYPE OF FILTER / CLASS

- A1P3 (R) & FFA1P3: For protection against certain organic gases and vapours with a boiling point > 65 degC as specified.
- B1P3: For protection against inorganic gases and vapours.
- Containing a P3 Element: Protection against dust, metal fumes, oil and water mists and micro-organisms. Using HESPA (High Efficiency Synthetic Particulate Airfilter) + A1P3* (R) > 99,95% (minimum efficiency) High efficiency activated carbon filter.

● ● ● MATERIALS

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

● ● ● TEMPERATURE RANGE

-5°C +55°C

● ● ● STORAGE LIFE: ELIPSE GASMASK

3 years, for mask and filters.

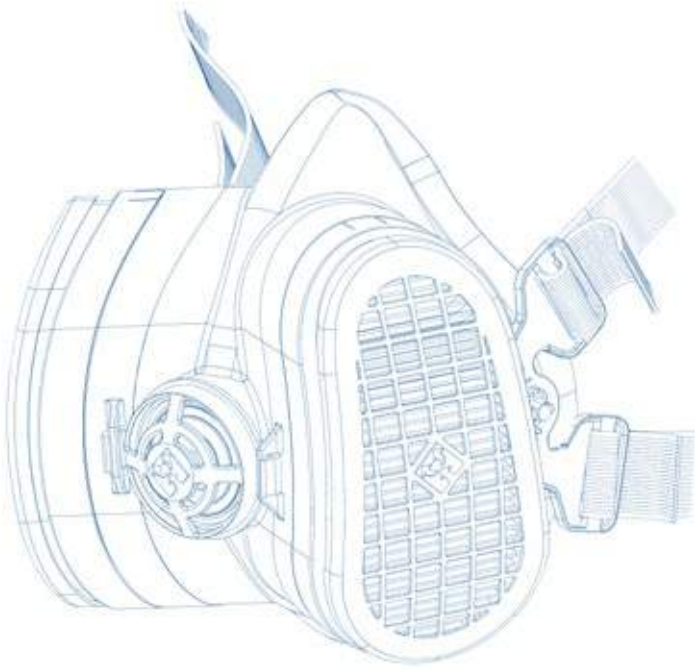
ELIPSE LOW PROFILE GAS MASK CHARACTERISTICS

Dimensions
Mask: 93 x 128 x 140 mm
Filter: 48,5 x 94,5 x 60 mm

Weight
Mask + Filter: 257,7 g
Mask body: 97,6 g
Filter only 83 g each

Material:
Mask: Medical grade TPE (Silicon free).
Filters:
- Activated carbon with ABS shell.
- Mechanical type HESPA Synthetic media with with TPE over mould / encapsulation.

Lifetime:
Filters can be used until fully clogged and 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 Dust element lifetime can also be increased by usage of our pre-filter kits below.



Model	Description	Code	Packaging
	**A1P3** Reusable Half Mask for Organic Gases and Dust	SPR338 (S/M) SPR503 (M/L)	10 pcs. per box
	**Pair of replacement A1P3 Filters**	SPR341	6 sets of 2 pcs. per box
	**B1P3** Reusable Half Mask for Inorganic Gases and Dust	SPR425 (S/M) SPR505 (M/L)	10 pcs. per box
	**Pair of replacement B1P3 Filters**	SPR426	6 sets of 2 filters
	**FFA1P3** Maintenance Free Half Mask for Organic Gases and Dust Filters can not be replaced	SPR359 (S/M) SPR504 (M/L)	10 kits per box

Model	Description	Code	Packaging
	**Kit of Prefilter Kits** 2 holder and 10 pads	SPM420	10 kits per box
	**Kit of Prefilters** 20 pads	SPM421	10 kits per box

FILTER TECHNOLOGY

elipse

High Performance Gas filters

ELIPSE MASK HIGH PERFORMANCE GAS & COMBINED

The complete Gas filter Range

● ● ● DESCRIPTION

Compact, lightweight and flexible design which adapts perfectly to the face and offers a full range of visibility without interfering with other eye or ear protections which users choose to wear.
New Filters with Low breathing resistance, increase in gas performance and greater duration of use.
New & improved easy to adjust headband clip with enhanced retention performance. Elipse® come in 2 sizes.

● ● ● PROTECTION PROPERTIES

The activated carbon has a selected pore structure for maximum adsorption efficiency and a selected pore size for an optimised breathing resistance. The respirator is supplied with two specific activated carbon filtering elements for the protection against a range of gases, vapors, dust and mists. Once these are finished, they can be replaced with replacement filters. These offer versatile protection against substances in concentrations up to 5,000 ppm...xTLV and from dust and mists up to 50 TLV.

● ● ● FIELDS OF 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 EN140: 1998
Filters conform to EN14387: (R D)
Maintenance Free masks conform to EN405 (R D)
Masks and filters are CE certified.

● ● ● TYPE OF FILTER / CLASS

GVS offer two types of High performance filters: with our without Dust protection for the various gases listed.

● ● ● MATERIALS

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

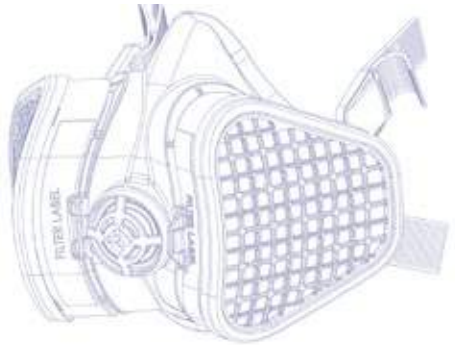
● ● ● TEMPERATURE RANGE

-5°C +55°C

● ● ● STORAGE LIFE: ELIPSE GAS MASKS

3 years, for mask and filters.

ELIPSE HIGH PERFORMANCE GAS MASK CHARACTERISTICS



Dimensions
Mask (straight carbon): 93 X 128 X 175 mm
Mask (with P3 Dust): 93 X 128 X 195 mm
Filter (straight carbon): 85 x 94,5 x 45 mm
Filter (with P3 Dust): 90 x 94,5 x 55 mm

Weight
Mask + Filter: from 320 to 374 g
Mask body: 100 g
Filter: from 110 to 137 g

Material:
Mask: Medical grade TPE (Silicon 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 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 Dust element is designed for a longer lifetime with double the amount of material usually put in other ranges.

Model	Description	Code	Packaging
	A1 Reusable Half Mask for Organic Gases and Vapours until 1000 ppm	SPR511 (S/M) SPR512 (M/L)	10 pcs. per box
	A1 Replacement filters	SPR513	5 sets of 2 pcs. per box
	E1 Reusable Half Mask for Acidic Gases and Vapours	SPR514 (S/M) SPR515 (M/L)	10 pcs. per box
	E1 Replacement filters	SPR516	5 sets of 2 pcs. per box
	AE1 Reusable Half Mask for Acidic and Organic Gases and Vapours	SPR517 (S/M) SPR518 (M/L)	10 pcs. per box
	AE1 Replacement flters	SPR519	5 sets of 2 pcs. per box
	ABEK1 Reusable Half Mask for multiple Gases and Vapours	SPR487 (S/M) SPR488 (M/L)	10 pcs. per box
	ABEK1 Replacement filters	SPR489	5 sets of 2 pcs. per box

Model	Description	Code	Packaging
	A2P3 Reusable Half Mask Organic Gases and Vapours until 5000 ppm and Dust	SPR495 (S/M) SPR496 (M/L)	10 pcs. per box
	A2P3 Replacement filters	SPR497	5 sets of 2 pcs. per box
	ABEK1P3 Reusable Half Mask for multiple Gases and Vapours and Dust	SPR490 (S/M) SPR491 (M/L)	10 pcs. per box
	ABEK1P3 Replacement filters	SPR492	5 sets of 2 pcs. per box
	FFA2P3 (EN405) Half Mask Organic Gases and Vapours until 5000 ppm and Dust Filters can not be replaced	SPR498 (S/M) SPR499 (M/L)	10 pcs. per box
	FFABEK1P3 (EN405) Maintenance Free Half Mask for multiple Gases and Vapours and Dust Filters can not be replaced	SPR493 (S/M) SPR494 (M/L)	10 pcs. per box

FILTER TECHNOLOGY

elipse integra

The new 3/4 Mask system

ELIPSE INTEGRA COMBINED EYE AND RESPIRATORY PROTECTION

the combined safety

324 g!

209 g!

●●● DESCRIPTION

Compact, lightweight and flexible design which adapts perfectly to the face and offers a unique and innovative combined protection, reducing risks of non-compatibility, non-conformity and mist building up. Large central non-return valve which allows for a reduction of the user's breathing resistance 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 45 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. The respiratory side is identical and compatible with existing Elipse® Dust and Low profile range.

●●● FIELDS OF APPLICATION

Mining, steel mills, foundries, mechanical, pharmaceutical, cement, glass, ceramics, chemicals, textile industries. Shipyards, battery manufacturing, toxic waste elimination, with asbestos fibres, reclamation, heavy metals (lead, nickel, chromium), active manipulation.

●●● CERTIFICATIONS

Integra Mask (Goggle combined) conforms to EN140: 1998
Integra Mask (Goggle combined) conforms to EN166 2.F.K.N.
Filters conform to EN143:2000/A1 P3 (R D) for P3
Filters conform to EN14387 for A1P3 Gas and Dust combined

Integra Mask and filters are CE certified.

●●● TYPE OF FILTER / CLASS

- A1P3 (R) For combined protection against certain organic gases and fine dusts and vapors with a boiling point > 65 degC as specified.
- HESPA (High Efficiency Synthetic Particulate Airfilter) + P3 (R D) * >99,95% (minimum efficiency) Available with activated carbon for removal of small concentration of organic vapors/odors and a higher comfort.

●●● MATERIALS

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

●●● TEMPERATURE RANGE

-5°C +55°C

●●● STORAGE LIFE: ELIPSE

3 years, for mask and filters for A1P3
5 years, for mask and filters for P3

ELIPSE INTEGRA MASK CHARACTERISTICS

Dimensions
Mask with P3: 170 x 165 x 190 mm
Mask with A1P3: 170 x 165 x 190 mm
Filter P3: 12 mm x 94 mm x 50 mm
Filter A1P3: 48,5 x 94,5 x 60 mm

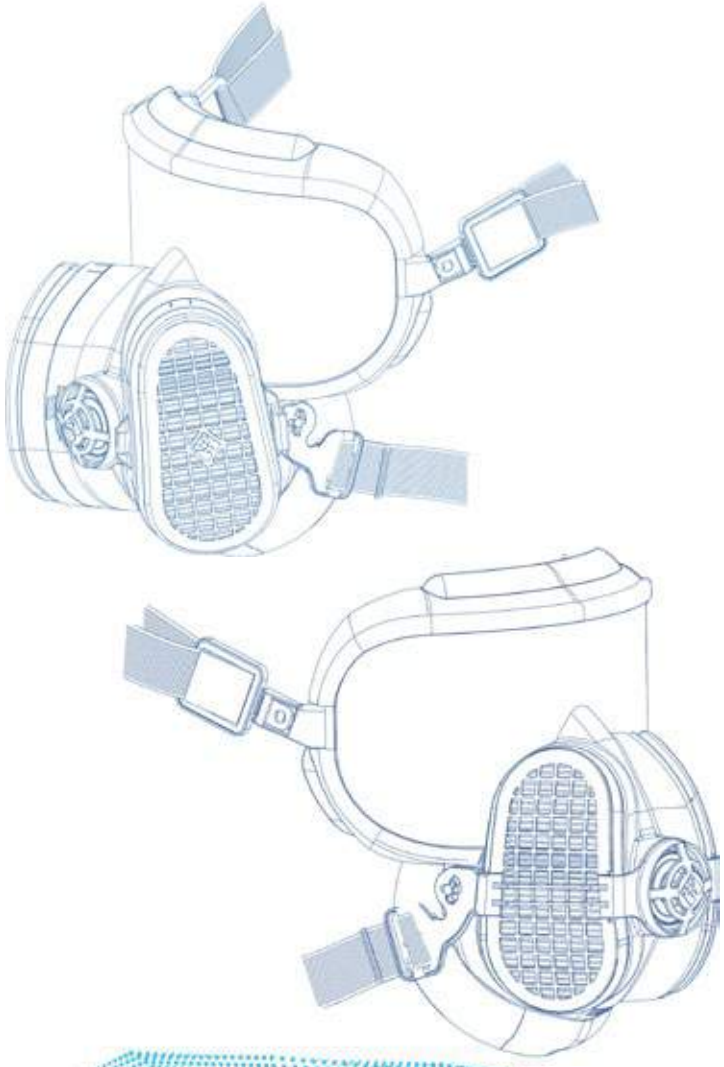
Weight
Mask with P3: 209 g
Mask with A1P3: 324 g
Filter P3: 17,2 g
Filter A1P3: 83 g

Material:
Mask: Medical grade TPE (Silicon free).
Goggle lens: Polycarbonate with flow coating for antiscratch/antifog.
Goggle contour: Medical grade TPE (Silicon 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, excluding High Performance filters.

Model	Description	Code	Packaging
	Peel off visor x 10	SPM520	50 sets of 10 pcs. per box
	Integra Case	SPM007	5 pcs. per box

Model	Description	Code	Packaging
	**P3 Elipse Integra** Mask for application with Dust only	SPR407 (S/M) SPR406 (M/L)	5 pcs. per box
	**P3 replacement filters**	SPR316	10 sets of 2 pcs. per box
	**P3 Nuisance odour Elipse Integra** Mask for application with Dust only	SPR404 (S/M) SPR405 (M/L)	5 pcs. per box
	**P3 nuisance odour replacement filters**	SPR336	10 sets of 2 pcs. per box
	**A1P3 Elipse Integra** Mask for application with Organic Gases and Dust	SPR444 (S/M) SPR401 (M/L)	5 pcs. per box
	**A1P3 replacement filters**	SPR341	6 sets of 2 pcs. per box



NEW ELIPSE 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

SEGRE

Foldable Respirators

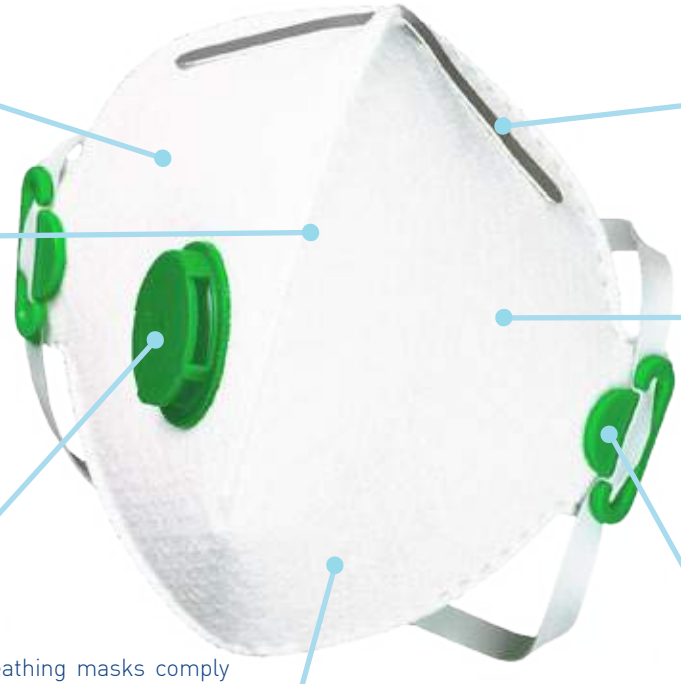
NEW GVS SEGRE FOLDABLE MASK LINE

MADE IN UK

HIGH QUALITY
We have carefully selected the best materials for each of our breathing masks, to ensure that you will feel satisfied, safe and secure.

FOLDABLE
Easy to store and supplied in individual package.

FREE CHOICE
Breathing masks are available with or without a valve. When you breathe in, the valve closes a latex-free diaphragm, when you breathe out, it opens. The valve releases air downwards, to avoid condensation on glasses etc.

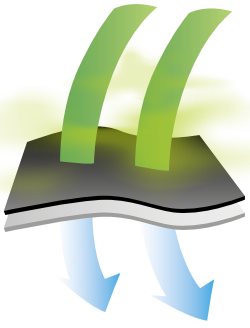


SECURE
There is a nose clip on the outside, which is easy to shape and give secure a sealing. There is a nose seal inside, for good sealing. The material is moisture repellent, soft and pleasant.

REUSABLE
All masks conform to 149:2001 + A1:2009 R D and therefore reusable (excluding carbon versions).

SIMPLE
The buckles which keep the elastic straps in place are designed so that you can easily adjust the length. Quite simply, you can shorten the strap by winding it round the buckle. The straps are made of latex - a free material which is ageing resistant.

SAFE
Our breathing masks comply with the requirements in EN 149:2001 + A1:2009. The marking clearly shows the applicable protection class and the certification number that the product has. You can always feel secure that our breathing masks maintain the highest standards.



Available with odour removal layer

SAFE BREATHING PROTECTION

••• DESCRIPTION

Our masks are designed to fit every face perfectly. The bands that can be adapted to the head and nose clip allows for a hermetic seal that makes it nearly impossible for particles to penetrate the mask.
The materials used to manufacture the mask make it comfortable to wear for the worker and reduces humidity. This ensures that it is easy to breathe, and offers a high level of protection.

Breathing masks are delivered folded and individually packed in hygienic plastic bags. This makes it easy to always keep the masks clean.

The shape and design of our masks insure that they are comfortable, they offer a good field of vision and they have a perfect fit.
If the worker uses protective glasses, this contributes to that the never gets fogged.

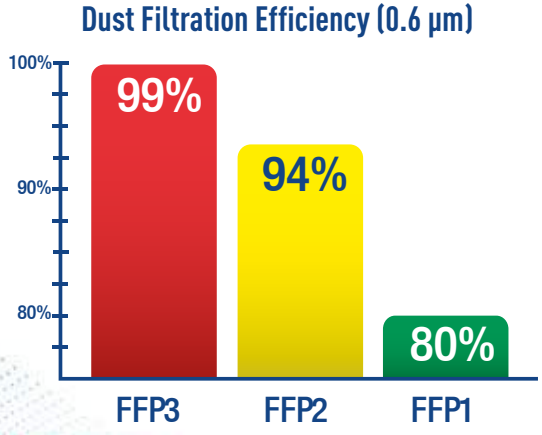
The holders of the elastic bands and the valves have different colors to make it easy to recognize what level of protection is worn.

••• MATERIALS

GVS Segre's breathing masks have a unique selection of materials which efficiently protect you from breathing in any harmful substance.

••• CERTIFICATIONS

All masks have been tested with outstanding results, and meet the requirements of European standard EN 149:2001 + A1:2009 by a large margin. All masks are dolomite tested to D, and some are R: reusable.



••• FIELDS OF APPLICATION

Wood sanding dust, quartz dust, metal particles, polishing dust, chemical dust, clay dust, concrete dust, protection against bacteria and viruses, lighter radioactive dust...

Model	Description	Code	Packaging
	GVS Segre Folded P1 Reusable Mask	F10000	20 pcs. per box X 10
	GVS Segre Folded P1 V Reusable Mask	F10050	15 pcs. per box X 10
	GVS Segre Folded P1 Carbon Disposable Mask	F10005	20 pcs. per box X 10
	GVS Segre Folded P1 Carbon Valve Disposable Mask	F10055	15 pcs. per box X 10
	GVS Segre Folded P2 Reusable Mask	F20000	20 pcs. per box x 10
	GVS Segre Folded P2 Valve Reusable Mask	F20050	15 pcs. per box X 10
	GVS Segre Folded P2 Carbon Valve Disposable Mask	F20055	15 pcs. per box X 10
	GVS Segre Folded P3 Reusable Mask	F30000	15 pcs. per box X 10
	GVS Segre Folded P3 Valve Reusable Mask	F30050	15 pcs. per box X 10
	GVS Segre Folded P3 Carbon Valve Disposable Mask	F30055	15 pcs. per box X 10

GVS CUP MASK LINE

Also Comfortable, Light, Ultra-compact

DME3031 FFP3 MASK

LOW PROFILE
To maintain a clear field of vision.

PRE-FORMED
Rigid cupmask in individual hygienic bag

VALVE
Large exhalation valve faced downwards to avoid condensation on glasses and offers increased confort.

METAL FREE
There is no nose clip.
The GVS Cup mask is designed to eliminate the need of a nose clip by an ergonomic design fitting most of the people face.

REUSABLE
Conform to 149:2001 + A1:2009 R D and therefore reusable.

ADJUSTABLE
The buckles which keep the elastic straps in place are designed so that you can easily adjust the length, in 4 points.

COMFORT SEAL
In very soft anti-allergic material

GVS CUP MASK CHARACTERISTICS

● ● ● DESCRIPTION

GVS filter respirators without a nose clip are characterized by high filtration efficiency, unique comfort, low weight.

The GVS Cup mask is designed to eliminate the need of a nose clip by an ergonomic design fitting most of the people face.

● ● ● ADVANTAGES

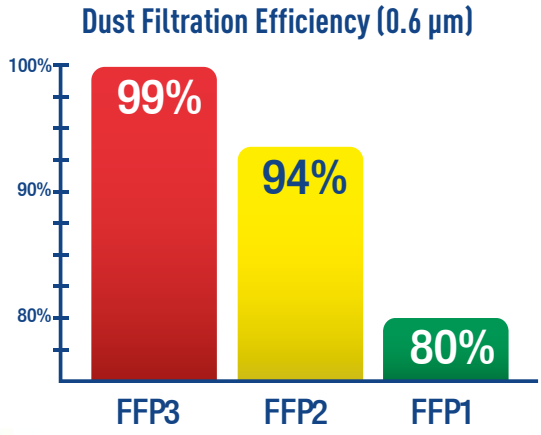
The innovative design of the GVS half mask respirator eliminates the need for a nose clip. Time-consuming fitting of the half-mask respirator to the user's face has been eliminated and the effect of fogging of the goggles reduced. GVS half mask respirators have no metal elements. Thanks to fitting in an exhaust valve breathing resistance is very low.

● ● ● CERTIFICATION

All masks have been tested with outstanding results, and meet the requirements of European standard EN 149:2001 + A1:2009 by a large margin. All masks are dolomite tested to D.
DME3031 Mask is also certified as reusable (R) and supplied in individual bag.

● ● ● FIELDS OF APPLICATION

Wood sanding dust, quartz dust, metal particles, polishing dust, chemical dust, clay dust, concrete dust, protection against bacteria and viruses, lighter radioactive dust...



Model	Description	Code	Packaging
	GVS FFP3 Valved Reusable Mask	DME3031	5 pcs. per box X 16
	GVS FFP2 Valved Disposable Mask	DME2011	15 pcs. per box X 24
	GVS FFP2 Disposable Mask	DME2010	20 pcs. per box X 24
	GVS FFP1 Valved Disposable Mask	DME1011	15 pcs. per box X 24
	GVS FFP1 Disposable Mask	DME1010	20 pcs. per box X 24

Model	Description	Code
	Elipse P3 Display	SPM006

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