



**Giovanni Soldini**  
*ocean sailing champion*

**2024 – 25**  
**Nautical and Bodyshop**  
**Catalogue**

**FEEL FREE**  
**TO BREATHE**



Breathe the future,  
protect people,  
produce innovation,  
100% made in Europe.  
For 50 years we have  
dedicated ourselves  
to only one thing:  
your breath.  
**Feel free to breathe.**

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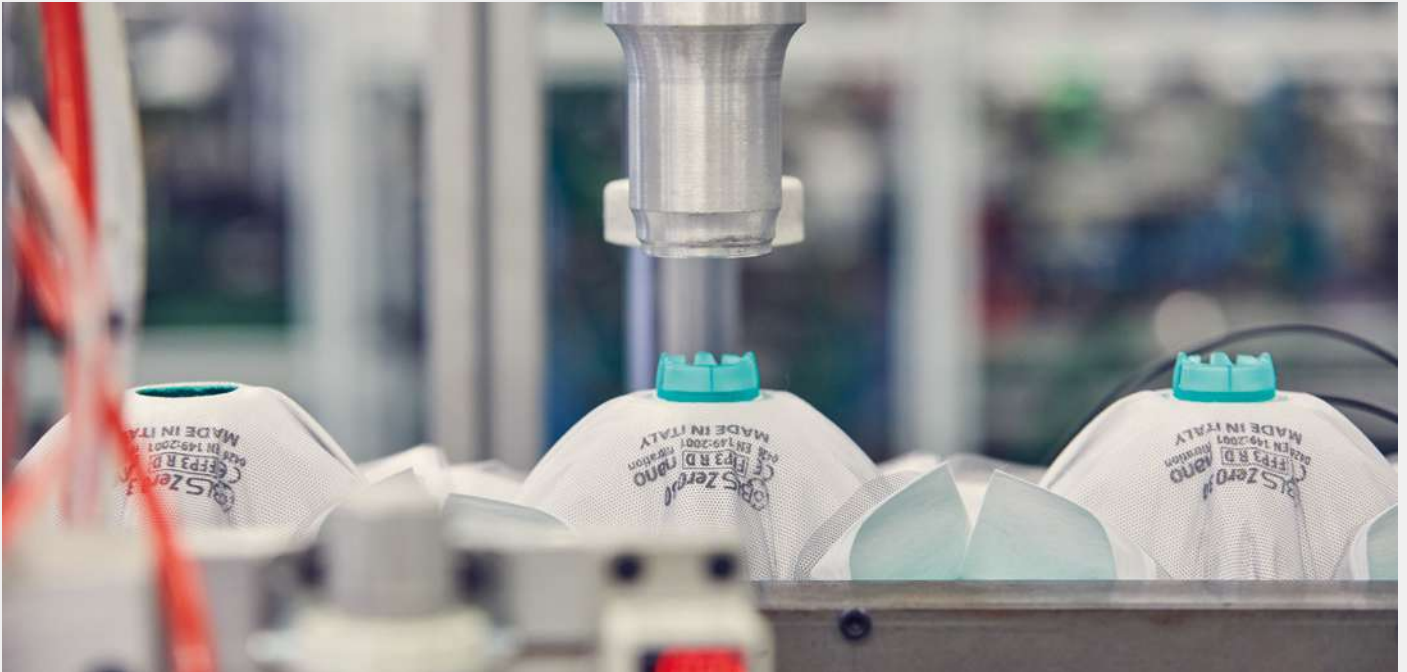
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# BLS MANIFESTO

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We are specialists in respiratory protection, investing all our energies in the business. We were born in Italy in **1970** and we developed in Spain; today we are one of the largest producers in Europe and our goal is to become market leaders at international level. We promote **synergies** with partners in the industry who share our attention for innovation, for the use of BLS technology, who have implemented a vertical **integration** of production and distribution processes and believe in absolute transparency. We don't compromise on **quality**, because we know that **to breathe is to live**.

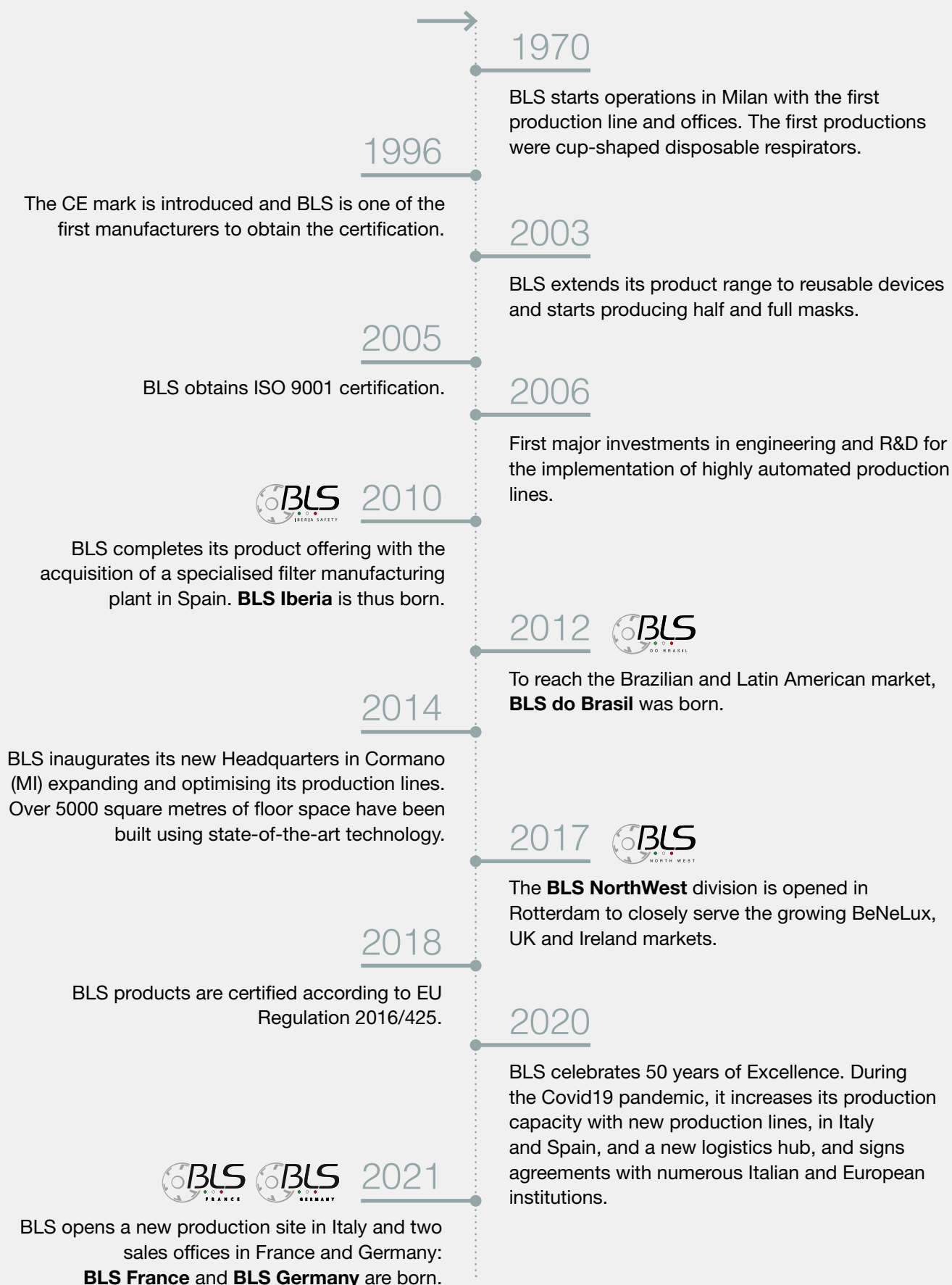
Protecting **people** is our core value. Our ethical commitment and our strict compliance of **safety** rules steer our work in every detail of the production and distribution chain. We believe that customers should be our constant object of attention and their voice is the first we want to listen to, in order to constantly improve our products. People are the foundation of our company: ideas and products emanate from their **creativity** and their experience constantly advances our **know-how**.



We offer solutions for respiratory protection for industrial, medical, military and urban environments. We generate **innovation** by engineering our own production machines. We are a boutique of the fourth industrial revolution based on **technological culture**, collaboration with universities, production automation and quality of relationships. We want each of our products to exceed customer expectations: we design and manufacture them according to top safety and **ergonomics** standards; we want them to be accurate and unique in every detail. We are a reliable, innovative and enthusiastic partner, because doing a great job is the best thing to offer.

# OUR JOURNEY

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# NAUTICAL AND BODYSHOP FOCUS

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**Bodyshop** and **shipbuilding** are two industrial sectors that often share similar types of workmanship and also entail similar risks for workers. Even from the point of view of respiratory protection, the needs of these two sectors are often overlapping.

Indeed, both involve the use of **chemicals** and exposure to **dusts**, **fibres** and **fumes**, as well as exposure to paints and solvents, which are among the main causes of occupational diseases in these areas.

In particular, in bodyshops, the use of **metal putty** to finish the imperfections of a vehicle and the subsequent sanding of the treated surface require specific protection (FFP3 or P3 filter) even in the presence of suction, as pulverised putty is considered highly toxic. Even in the **degreasing** and **primer application** phases, due to the dispersion of irritating and potentially harmful substances into the air, the use of respiratory protective equipment (A2P3 filter) by the operator is necessary.

Finally, exposure to **paints** and **solvents**, during painting, is perhaps the primary risk for the bodyshop, who should always protect his or her airways (A2P2 or A2P3 filters). Thanks to Directive 2004/42/EC on the emission of VOCs (Volatile Organic Compounds), many potentially harmful substances have in fact been completely eliminated or drastically reduced and replaced by lower toxicity paint products, but this does not completely eliminate the need for adequate protection.

Similarly, in shipyards, many activities, such as **cleaning** and **stripping** surfaces, the use of **resins**, the application of **gel coats** and their hardeners, **grouting** and **painting**, involve the





handling of chemical agents that can lead to intoxication and therefore require the use of **respiratory protective equipment**. Exposure to dust, fibres and fumes in activities such as grinding, sanding, brushing, welding and cutting fibreglass also entails a hazard for the operator.

In this regard, it must be said that wherever there is particle generation and particularly in welding and painting situations, there is a concomitant risk of **nanoparticle** generation (diameter  $0.001\ \mu\text{m}$  to  $0.1\ \mu\text{m}$ ). Their infinitesimal size means that their behaviour can be described as intermediate between that of gases and that of the rest of the suspended particles, inserting themselves between cells and tissues and causing biochemical damage. Other processes, where the generation of nanoparticles is unavoidable, are **woodworking, sanding, grinding and combustion processes**.

In general, these substances, if inhaled, can cause irritation, allergies, asthma, bronchitis, emphysema, fibrosis and other notorious **respiratory diseases**. Furthermore, poor ventilation, high temperatures, humidity and low oxygen levels can occur in shipyards, which can further impair respiratory and cognitive function.

It is therefore important to always carry out a careful **risk analysis** in order to select the best personal protection.

# OUR SERVICES

*Thanks to the fully European production of all BLS products, both disposable and reusable, EUR1 movement certificate can be requested.*



## CONSULTING

*We help you choosing the most suitable mask for your job*

Consultancy service to support customers in choosing the most suitable protection device based on the activity performed and the contaminant they come into contact with. BLS responds to customer requests in a professional, precise and timely manner in 6 languages. BLS exports its products in over 60 countries.



## FIT TEST

*Test your mask to check its compatibility with your face*

Validation service through quantitative fit test of PPE for respiratory protection. The quantitative fit test is used to evaluate the degree of compatibility between a specific protection device and the user's face. The test is carried out with a particle counter which allows to obtain the numerical value corresponding to the seal factor of the used PPE. On request, a qualitative fit test service is also available.



## TRAINING

*Learn about PPE and you will increase the safety of your company*

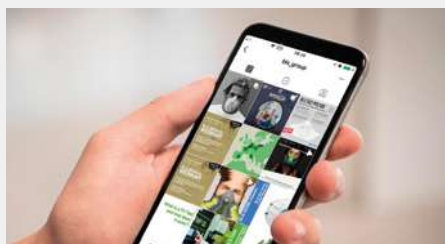
The course responds to what is required in terms of training on the correct use of PPE for the protection of the respiratory tract. Classroom activity can be integrated with specific training through fit test done in "live" mode on each course participant. At the end of the course a certificate of attendance will be issued for each participant.



## MAINTENANCE

*A well-fitted mask increases your safety*

Training course on the maintenance of BLS full face masks. The course provides complete training on the operations necessary for the revision, disassembly, replacement and reassembly of the components. At the end of the course a certificate of attendance will be issued for each participant.



## SOCIAL

*Where to always find the latest updates and videos of our products*

Our social channels are also an information and training tool. In addition to the latest updates of the group's activities, you will find product videos, explanatory maintenance and donning instructions videos, full videos of our webinars and much more. Follow us on all platforms.

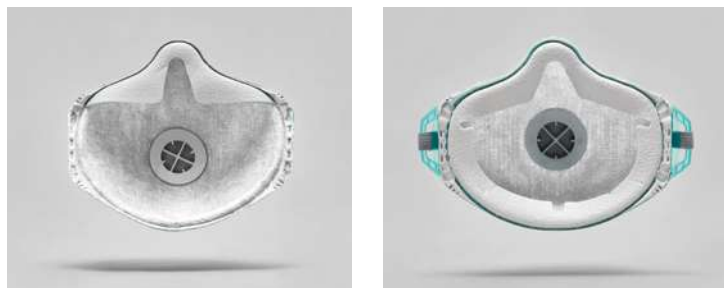




# DISPOSABLE PRODUCTS / CUP SHAPED FILTERING FACEPIECES

## BLS ZERO SERIES

### BLS Zer0 30 or BLS Zer0 32



#### SHELF LIFE

The shelf life of our BLS Zer0 series is 10 years (5 years for the activated carbon models).

### Features

- 01 ANATOMIC**  
 The pre-formed cup and elastic support makes an easier and reliable fit, perfectly adapting to different physiognomies and ensuring an excellent hold. It offers an excellent visual field and a great compatibility with glasses.
- 02 WELDED OR ADJUSTABLE ELASTICS**  
 The elastics, ultrasonically welded to eliminate the exposed metal parts, are made of hypoallergenic material without latex, while the adjustable ones, thanks also to the innovative drop-off system, facilitate the correct positioning of the facepiece on the user's face.
- 03 AVAILABLE WITH ACTIVATED CARBONS**  
 Activated carbons protect from acid and organic gases-vapours and ozone below the Threshold Limit Value (TLV), specific for every substance.
- 04 GASKET**  
 Made with a new soft technical foam, which allows an excellent fit on any face and guarantees a high comfort on contact with the skin.
- 05 ARMOR PROTECTIVE LAYER**  
 It is an external protective layer that ensures the protection of the filtering material from dirt, dust and liquids extending and preserving filtering efficiency and making the device safer.

### Available products

CODE	CODE for SINGLE PACKED	PRODUCT	PROTECTION	EXHALATION VALVE	ELASTICS	CARBON LAYER	GASKET
8006332	8006337	BLS Zer0 30	FFP3 R D	●	WELDED		PARTIAL
8006333	8006338	BLS Zer0 30 C	FFP3 R D	●	WELDED	✓	PARTIAL
8006298	8006305	BLS Zer0 32	FFP3 R D	●	ADJUSTABLE		COMPLETE
8006300	8006307	BLS Zer0 32 C	FFP3 R D	●	ADJUSTABLE	✓	COMPLETE



**06 IT BREATHES!**

The ratio of transmission of water vapour through the material is 3500 g/sqm. This value is much higher than the one of the large majority of our competitors. Tests performed according to ASTM E96/E96M.

**07 INTERNAL NOSE CLIP**

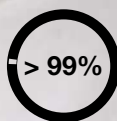
The nose clip, placed internally between the layers of filtering material, adapts optimally to the profile of the nose and eyes, ensuring good visibility and maximum compatibility with glasses.

**08 HIGH EFFICIENCY EOLO VALVE**

Eolo Technology is our system for fixing the valve's membrane on three points instead of one, which allows an air passage in exhalation 30% higher than traditional valves, concentrating it in two points of maximum opening.

**PROTECTION**  
Better  
than a FFP3STANDARD  
EN 149:2001+A1:2009

BLS Zer0

**BREATHING  
RESISTANCE**  
Better  
than a FFP1INSPIRATION  
30 l/m

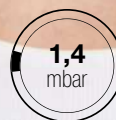
FFP1



BLS Zer0 FFP3

INSPIRATION  
95 l/m

FFP1



BLS Zer0 FFP3

EXPIRATION  
160 l/m

FFP1



BLS Zer0 FFP3



# CUP SHAPED FILTERING FACEPIECES WITH ACTIVE SHIELD VALVE

## BLS ZERO 32 ACTIVE SERIES

### ACTIVE SHIELD



#### SHELF LIFE

The shelf life of our BLS Zer0 32 Active series is 10 years (5 years for the activated carbon models).

The Active Shield electronic valve warranty is 1 year.

### Features

- 01 ANATOMIC**  
The pre-formed cup and elastic support makes an easier and reliable fit, perfectly adapting to different physiognomies and ensuring an excellent hold. It offers an excellent visual field and a great compatibility with glasses.
- 02 ADJUSTABLE ELASTICS**  
The sliding and adjusting system of elastics facilitates the balancing of the filtering facepiece, ensuring correct positioning on the face. The release of the rear hooks allows rapid removal of the facepiece, via the drop-off system.
- 03 AVAILABLE WITH ACTIVATED CARBONS**  
Activated carbons protect from acid and organic gases-vapours and ozone below the Threshold Limit Value (TLV), specific for every substance.
- 04 GASKET**  
Made with a new soft technical foam, which allows an excellent fit on any face and guarantees a high comfort on contact with the skin.
- 05 ARMOR PROTECTIVE LAYER**  
It is an external protective layer that ensures the protection of the filtering material from dirt, dust and liquids extending and preserving filtering efficiency and making the device safer.
- 06 INTERNAL NOSE CLIP**  
The nose clip, placed internally between the layers of filtering material, adapts optimally to the profile of the nose and eyes, ensuring good visibility and maximum compatibility with glasses.

### Available products

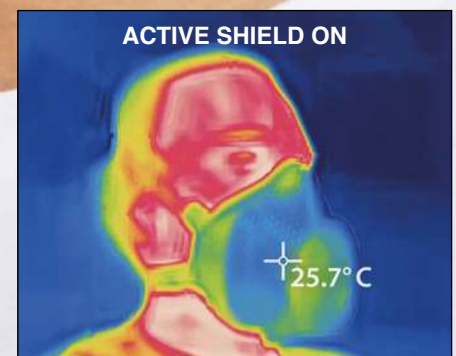
CODE	PRODUCT	PROTECTION	ELASTICS	CARBON LAYER	GASKET
8101019	BLS Zer0 32 Active	FFP3 R D	ADJUSTABLE		COMPLETE
8101020	BLS Zer0 32 C Active	FFP3 R D	ADJUSTABLE	✓	COMPLETE
0003041	Narvalo Active Shield	—	—	—	—

## 07 SMART VENTILATION

The adaptive ventilation system extracts the CO<sub>2</sub> produced during breathing by reducing heat and moisture retained inside the mask. Thanks to the pressure sensor, Narvalo Active Shield modulates the fan speed according to the user's breathing frequency, ensuring constant breathing comfort even during strenuous activities.

## 08 LITHIUM BATTERY

The lithium battery (800 mAh) gives the device up to 5 hours of autonomy and it is easily rechargeable via the micro USB charging socket on the side of the device.



# DISPOSABLE PRODUCTS / FLAT FILTERING FACEPIECES

## BLS ZERO FLAT SERIES

### FLAT 3-FLAP DESIGN



#### SHELF LIFE

The shelf life of our BLS Zer0 Flat series is 10 years (5 years for the activated carbon models).

### Features

- 01 FLAT 3-FLAP DESIGN**  
 Thanks to the three-flap design, the device adapts perfectly to all facial movements, ensuring maximum protection and efficiency at all times. The folded lower flap allows easy opening of the facepiece without contaminating the inside. Excellent field of vision and great compatibility with glasses.
- 02 INTERNAL NOSE CLIP**  
 The nose clip, placed internally between the layers of filter material, it adapts optimally to the profile of the nose and eyes, guaranteeing good visibility and maximum compatibility with glasses.
- 03 TEXTILE ELASTICS**  
 The elastic bands are made of enduring and high-performance textile material. The addition of a backing layer allows the elastics to adhere to the filter body without the use of exposed metal parts.
- 04 ARMOR PROTECTIVE LAYER**  
 It is an external protective layer that ensures the protection of the filtering material from dirt, dust and liquids extending and preserving filtering efficiency and making the device safer.
- 05 RIGID INNER CORE**  
 The addition of the innovative inner core ensures solidity to the filtering facepiece and high breathability, while maintaining low breathing resistance.
- 06 IT BREATHES!**  
 The ratio of transmission of water vapour through the material is 3380 g/sqm. This value is much higher than the one of the large majority of our competitors. Tests performed according to ASTM E96/E96M.

### Available products

CODE	PRODUCT	PROTECTION	EXHALATION VALVE	ELASTICS	CARBON LAYER	GASKET	SIZE
8101033	BLS Zer0 33 NV	FFP3 R D		WELDED		PARTIAL	S
8101032							M/L
8101031	BLS Zer0 33	FFP3 R D		WELDED		PARTIAL	S
8101030							M/L
8101029	BLS Zer0 33 C	FFP3 R D		WELDED	✓	PARTIAL	S
8101021							M/L



**07 AVAILABLE IN TWO SIZES**

It has been ascertained that it is quite unlikely that 1 size can fit all facial profiles. The M/L size fits the majority of users while the S size is designed for thinner or smaller faces.

**08 HIGH-EFFICIENCY EOLO VALVE**

Eolo Technology is our three-point, instead of one-point, valve diaphragm attachment system which allows 30% of air passing through exhalation more than conventional valves, concentrating it at two points of maximum opening.

**09 AVAILABLE WITH ACTIVATED CARBONS**

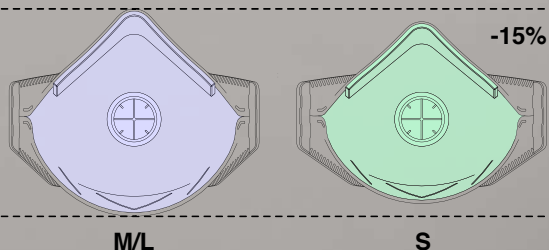
Activated carbons protect from acid and organic gases-vapours and ozone below the Threshold Limit Value (TLV), specific for every substance.

**10 OPTIMAL VISUAL FIELD**

The shape of the filtering facepiece guarantees a large filtering surface area, leaving the field of vision totally free.

**11 SINGLE PACKED**

The single hygienic package protects the filtering facepiece from any contamination before use, allowing it to be stored in a practical way and distributed in the work environment.

**07**

# BLS 600ne»xt SERIES

## FLAT 3-FLAP DESIGN



### SHELF LIFE

The shelf life of our BLS 600next series is 10 years.

## Features

- 01 FLAT 3-FLAP DESIGN**  
 Thanks to the three-flap design, the device adapts perfectly to all facial movements, ensuring maximum protection and efficiency at all times. The folded lower flap allows easy opening of the facepiece without contaminating the inside. Excellent field of vision and great compatibility with glasses.
- 02 INTERNAL NOSE CLIP**  
 The internal nose clip, placed between the layers of filter material, it adapts optimally to the profile of the nose and eyes, guaranteeing good visibility and maximum compatibility with glasses.
- 03 AVAILABLE WITH EXHALATION VALVE**  
 Low respiratory resistance exhalation valve, which allows hot humid exhaled air to escape more easily and ensures high comfort for the user, making the filtering facepiece suitable for hot humid work environments.
- 04 RUBBER ELASTICS**  
 The rubber bands are made of hypoallergenic latex-free material. The addition of a supporting layer allows the elastics to adhere to the filter body without the use of exposed metal parts.
- 05 RIGID INNER CORE**  
 The addition of the innovative inner core ensures solidity to the filtering facepiece and high breathing performance.
- 06 AVAILABLE IN TWO SIZES**  
 It has been ascertained that it is quite unlikely that 1 size can fit all facial profiles. The M/L size fits the majority of users while the S size is designed for thinner or smaller faces.

## Available products

CODE	PRODUCT	PROTEZIONE	EXHALATION VALVE	ELASTICS	GASKET	SIZE
8101026	BLS 670next	FFP2 NR D		WELDED	PARTIAL	S
8101022						M/L
8101028	BLS 680next	FFP2 NR D	✓	WELDED	PARTIAL	S
8101027						M/L



07

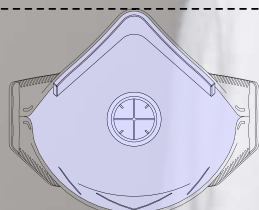
**OPTIMAL VISUAL FIELD**

The shape of the filtering facepiece guarantees a large filtering surface area, leaving the field of vision totally free.

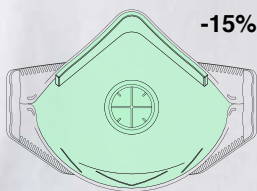
08

**SINGLE PACKED**

The single hygienic package protects the filtering facepiece from any contamination before use, allowing it to be stored in a practical way and distributed in the work environment.



M/L



S

-15%

06



# DISPOSABLE PRODUCTS / CUP SHAPED FILTERING FACEPIECES

## BLS CLASSIC SERIES

### CLASSIC SERIES

Wide range of protection factors and features to accommodate any specific need.



#### SHELF LIFE

The shelf life of our BLS Classic range is 10 years (5 years for the activated carbon models).

### Features

- 01 **FACEPIECE**  
The large surface of the facepiece contributes to reduce the breathing resistance.
- 02 **INTERNAL NOSE CLIP**  
The nose clip, placed internally between the layers of filtering material, adapts optimally to the profile of the nose and eyes, ensuring good visibility and maximum compatibility with glasses.
- 03 **AVAILABLE WITH ACTIVATED CARBONS**  
Activated carbons protect from acid and organic gas-vapours and ozone below the Threshold Limit Value (TLV), specific for every substance.
- 04 **ELASTICS**  
Ultrasonically welded elastics, made in synthetic rubber without latex, are designed to eliminate the exposed metal parts. BLS 226 with activated carbons, on the other hand, has textile stapled elastics.
- 05 **AVAILABLE WITH EXHALATION VALVE**  
Low respiratory resistance exhalation valve, which allows hot humid exhaled air to escape more easily and ensures high comfort for the user, making the filtering facepiece suitable for hot humid work environments.

### Available products

CODE	CODE for SINGLE PACKED	PRODUCT	PROTECTION	EXHALATION VALVE	ELASTICS	CARBON LAYER	GASKET
8006184	8006211	BLS 129BW	FFP2 R D	✓	WELDED		PARTIAL
8006154	8006037	BLS 226B	FFP2 NR D	✓	STAPLED	✓	PARTIAL











# REUSABLE DEVICES / HALF MASK

## BLS 8000next SERIES

### READY TO USE AND MAINTENANCE FREE

BLS 8000next series bi-filter thermoplastic rubber half masks are ready to use, with no need for maintenance of filters replacement. Once the filtering capacity of the device is exhausted, it is completely replaced.



**SIMPLICITY**  
of disposable product



**PROTECTION**  
of reusable product



### Available products

CODE	PRODUCT	FACEPIECE	PROTECTION
8116006	<b>BLS 8100next</b>	Thermoplastic rubber	A1P2 R D
8116004	<b>BLS 8600next</b>	Thermoplastic rubber	A2P3 R D

### Features

- 01 SIMPLE LIKE A DISPOSABLE  
PROTECTING LIKE A REUSABLE**  
 This mask combines the simplicity of disposable products with the protection of the reusable ranges offering an easy-to-implement and certified protection against both particles and gases.
- 02 ACTIVATED CARBONS**  
 The quality of the activated carbons used by BLS for the filtration of gases and vapours meets high standards of safety ensuring excellent filtration performances. They are produced without toxic additives such as Hexavalent Chromium (Cr VI).
- 03 FACEPIECE**  
 Made with a high quality thermoplastic elastomer: non-deformable and durable.
- 04 DESIGN AND VISUAL FIELD**  
 The shape of the half mask offers a perfect seal without any unpleasant pressure on the nose or mouth of the user. It also allows high visibility and low interference with the visual field thanks to the lower positioning of the filters and to its compact size.
- 05 FILTER PROTECTIVE LAYER**  
 External layer that ensures the protection of the filtering material from dirt, dust and liquids as well as the normal mechanical stress due to prolonged use thus extending and preserving filtering efficiency and making the device safer. It also prevents the release of fibers, which is of the utmost importance in painting applications.
- 06 DROP-OFF SYSTEM**  
 Quick attachment/release system and sliding elastics, which allow you to remove and lower the half mask without removing the head harness. If necessary, the drop-off system can be deactivated by moving the harness elastic into the appropriate groove.
- 07 NANO FILTRATION**  
 P3 filters of BLS 8600next are tested against nanoparticles (down to 0,001 micron).





Watch the video





# REUSABLE DEVICES / HALF MASK

## BLS 4000ne»xt SERIES

### SIZES AND MATERIALS AVAILABLE



#### SILICONE RUBBER

**NOTE:** silicone is characterised by special ageing resistance, softness, heat resistance and non-deformability; our high-quality thermoplastic rubber is also pleasant to the touch, and easily recyclable.



#### THERMOPLASTIC RUBBER

### DROP-OFF PROCEDURE



### Features

- 01 **EASY AND FAST MAINTENANCE**  
It can be disassembled in less than a minute making cleaning and maintenance much easier.
- 02 **25% LIGHTER FACEPIECE**  
Reducing the thickness of the facepiece enabled the weight of the half mask to be reduced by 25% versus previous version, making it one of the lightest on the market.
- 03 **HEAD HARNESS**  
Thin and light design with quick adjustment, allowing excellent compatibility with other PPE.
- 04 **DROP-OFF**  
New front mask with quick attachment/release system and sliding elastics, which allow you to remove and lower the half mask without removing the head harness.  
**NOTE:** the drop-off system is deactivated in the sales configuration; to activate it, it is necessary to pull the elastic bands off the front rails of the cover and pass it over the back, so that it is not blocked by the locking teeth.
- 05 **BAYONET CONNECTION**  
This connection is highly intuitive, allowing a quick and safe hold on the mask. It has a locking feedback allowing the user to know if the filter has been properly placed. The double filter offers better weight distribution on the mask and a wider field of vision.

### Available products

CODE	PRODUCT	FACEPIECE	SIZE
8002111	BLS 4000next R	Thermoplastic rubber	S/M
8002112	BLS 4000next R	Thermoplastic rubber	M/L
8002113	BLS 4000next S	Silicone rubber	S/M
8002114	BLS 4000next S	Silicone rubber	M/L

\* Compatible with  
**BLS 200/201 SERIES FILTERS**  
(pg 30/31)



Watch the video



## Ready to use kit – BLS 4000ne»xt silicone half mask + Filters

CODE	KIT	SIZE	FILTERS	PROTECTION	DESCRIPTION
8002115 8002116	BLS 4100next	S/M M/L	+ BLS 211 + BLS 301 (prefiltr)	A2P2 R	Organic gases and vapours (bp > 65°C) and dust

# REUSABLE DEVICES / FULL FACE MASK

## BLS 5000 SERIES

### HIGH RESISTANCE



#### LENS FRAME

A corrective lens frame is available as accessory, compatible with BLS 5000 and BLS 2000 series masks.

### Features

- 01 **FACE SEAL**  
Available in soft thermoplastic rubber (BLS 5600) or silicone rubber (BLS 5700).
- 02 **BAYONET CONNECTION**  
This connection is highly intuitive, allowing a quick and safe hold on the mask. It has a locking feedback allowing the user to know if the filter has been properly placed. The double filter offers better weight distribution on the mask and a wider field of vision.
- 03 **ANTI-FOG**  
Designed to avoid visor fogging through the control of the cold and hot air flows inside the mask without perishable surface treatments.
- 04 **PHONIC MEMBRANE**  
An aluminium layer, inside the breathing unit of the device (BLS 5700), enables the transmission of vocal sound.
- 05 **SCRATCH RESISTANT VISOR, OPTICAL CLASS 1 (EN 166)**  
The screen allows a panoramic visual field without optical distortions. A vitrification treatment on its surface makes it scratch resistant.
- 06 **6-POINT HARNESS**  
Fixed on 6 connection points, BLS 5000 series harness guarantees a highly precise adjustment by distributing the pressure on the face uniformly.
- 07 **AVAILABLE IN THREE SIZES**  
Silicon models (BLS 5700) are available in three different sizes to perfectly fit all face profiles.

### Available products

CODE	PRODUCT	CLASS	FACIAL GASKET	VISOR	TAGLIA
8001083	BLS 5600	2	Thermoplastic rubber	Live Visor	M
8102017	BLS 5700	2	Silicone rubber	Live Visor	S
8001036					M
8102018					L

\* Compatible with  
**BLS 200/201 SERIES FILTERS**  
(pg 30/31)





Watch the video



REUSABLE DEVICES / FULL FACE MASKS

# REUSABLE DEVICES / FULL FACE MASK

## BLS 2000 SERIES

### GLASS VISOR AVAILABILITY



#### LENS FRAME


A corrective lens frame is available as accessory, compatible with BLS 5000 and BLS 2000 series masks.

### Features

- 01 FACE SEAL**  
Made of thermoplastic rubber, as well as the inner facepiece. They form together a single mask body.
- 02 UNIVERSAL CONNECTION**  
Standard thread connection according to EN 148-1, universal among all respiratory protection devices.
- 03 ANTI-FOG**  
Designed to avoid visor fogging through the control of the cold and hot air flows inside the mask without perishable surface treatments.
- 04 AVAILABLE WITH GLASS VISOR**  
The visor of the BLS 2150V model is made of glass. To ensure maximum safety during use, the tripartite glass is stratified with an anti-fragmentation EVA layer. It is most suitable for providing high resistance to chemicals.
- 05 QUICK AND INTUITIVE MAINTENANCE**  
Thanks to overmoulding production, the number of components is extremely reduced, enabling quick and easy product maintenance.
- 06 DOUBLE EXHALATION VALVE**  
The new BLS 2000 series is equipped with a double front exhalation valve to increase comfort by reducing breathing resistance during use.
- 07 COMPACT DIMENSIONS**  
The compact dimensions of the product provide an excellent field of vision through the visor. In both configurations, polycarbonate and glass, a distortion-free vision is guaranteed.
- 08 6-POINT HARNESS**  
Fixed on 6 connection points, BLS 2000 series harness guarantees a highly precise adjustment by distributing the pressure on the face uniformly.

### Available products

CODE	PRODUCT	CLASS	FACE SEAL	VISOR
8102015	BLS 2150	2	Thermoplastic rubber	Polycarbonate
8102016	BLS 2150V	2	Thermoplastic rubber	Glass

 Compatible with  
**BLS 400 SERIES FILTERS**  
(pg 32)





09

#### SPEECH DIAPHRAGM

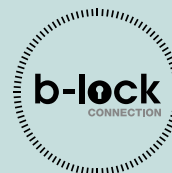
The mask is equipped with a speech diaphragm, to improve communication.





# FILTERS / BAYONET CONNECTION

## BLS 200 SERIES



- ★ Compatible with  
**HALF MASKS BLS 4000ne»t SERIES**  
 (pg 24/25)  
**FULL FACE MASKS BLS 5000 SERIES (5600, 5700, 5700/C)**  
 (pg 26/27)



### Available products

CODE	PRODUCT	PROTECTION	COLOUR CODE
8011118	202 P3 R <sup>(1)</sup>	Dust	○
8011109	211 A2	Organic gases and vapours, class 2	●
8011112	221 A2P3 R	Organic gases and vapours, class 2 and dust	● ○
8011113	222 ABEK1P3 R <sup>(2)</sup>	Organic, inorganic and acid gases and vapours and ammonia and derivatives, class 1 and dust	● ● ● ● ○
8117008	301 P2 R <sup>(3)</sup>	Dust	○
8117030	301 P3 R <sup>(3)</sup>	Dust	○

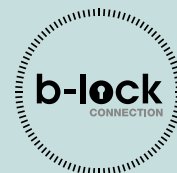
(1) these filters have been tested with Nano Filtration technology

(2) these filters are tested against hydrogen fluoride

(3) dust prefilter to be mounted on BLS 200 series gas filters

# FILTERS / BAYONET CONNECTION

## BLS 201 SERIES



- \* Compatible with  
**HALF MASKS BLS 4000ne»t SERIES**  
(pg 24/25)  
**FULL FACE MASKS BLS 5000 SERIES (5600, 5700, 5700/C)**  
(pg 26/27)



### Available products

CODE	PRODUCT	PROTECTION	CARBON LAYER
8011218	<b>BLS 201-3 P3 R</b>	Dust	
8011219	<b>BLS 201-3C P3 R</b>	Dust and nuisance odours	✓

These filters are very light and, thanks to their slim profile, they are the best solution when used with a half-mask in combination with a welding mask.

# FILTERS / UNIVERSAL CONNECTION RD40

## BLS 400 SERIES



\* Compatible with  
**FULL FACE MASKS BLS 2000 SERIES**  
 (pg 28/29)



### Available products

CODE	PRODUCT	PROTECTION	COLOUR CODE
8011013	<b>401 P3 R <sup>(1)</sup></b>	Dust	○
8011002	<b>411 A2</b>	Organic gases and vapours, class 2	●
8011008	<b>421 A2P3 R</b>	Organic gases and vapours, class 2 and dust	● ○

(1) these filters have been tested with Nano Filtration technology

CODE	PRODUCT	PROTECTION
8011147	<b>WPP</b>	Dust pre-filters (box 10 pcs. of pre-filter + filter retainer)



## REUSABLE DEVICES

# ACCESSORIES



**C43**  
Washable bag for half mask and filters.



**C41**  
Washable bag with shoulder belt for full face masks and filters.



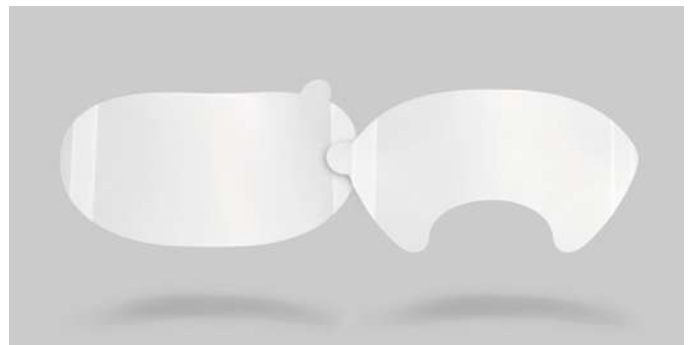
**C22**  
Frame for prescription lenses for BLS 5000 and BLS 2000 series full face masks.



**Q409**  
150 ml disinfectant spray bottle.



**C90**  
Wall mounted container for full face mask and filters.



**K19 / K16**  
Acetate for BLS 5000 series (K19) and BLS 2000 series (K16) full face masks. Applications: Industrial painting and in presence of chemical splashes.

# CHOOSING THE RIGHT PPE FOR BODYWORK AND NAUTICAL SECTOR

## SELECTION GUIDE

*NOTE:* The recommended solutions are based on an assessment of the vast majority of cases: it is understood that the selection of the correct filter must be made on the basis of an analysis of the Safety Data Sheet (SDS) of the individual chemical agents used. For example, some solvents, such as acetone (low-boiling organic substances), require the AX filter, while an ABE filter is recommended for diisocyanates.

Brushing  
Sanding  
Polishing  
Cutting Fibreglass Panels  
Woodworking

### **DUST EXPOSURE**

Allergy, asthma, respiratory tract irritation, chronic intoxication, nasal and paranasal sinus tumours (hardwood)

Welding

### **DUST EXPOSURE**

Metal fume fever, chronic effects on the liver, pulmonary edema, ulcers, nasal septal perforation

Putty Application  
Primer Application  
Lacquer Application with Brush  
Painting with Brush  
Degreasing

### **NUISANCE ODOURS EXPOSURE ●**

(with concentrations <TLV)

### **GASES / VAPOURS EXPOSURE**

Cough, asthma, liver and kidney damage, liver and blood cancer

Paint Removal  
Lacquer Spraying  
Paint Spraying  
Resin Coating  
Gel Coat Application  
Antifouling Application

### **GASES / VAPOURS EXPOSURE**

Cough, asthma, liver and kidney damage, liver cancer

### **RISK FOR EYES' HEALTH ●**

Redness, conjunctivitis, chronic irritation



# CHOOSING THE RIGHT PPE FOR BODYWORK AND NAUTICAL SECTOR

## SELECTION GUIDE

**NOTE:** a full face mask is recommended instead of a half mask

- when gas/vapour concentrations are high ( $> 30 \times \text{TLV}$ );
- when it is necessary to combine eye protection with respiratory protection.



BLS Zer0 30  
FFP3 R D



BLS Zer0 32  
FFP3 R D



Kit BLS 4000next S  
+ BLS 201-3 P3 R filters  
BAYONET CONNECTION



BLS Zer0 30 C ●  
FFP3 R D  
ACTIVATED CARBON



BLS Zer0 31 C ●  
FFP3 R D  
ACTIVATED CARBON



BLS 4000next S ●  
+ BLS 201-3C P3 R filters  
ACTIVATED CARBON  
BAYONET CONNECTION



BLS Zer0 30 C ●  
FFP3 R D  
ACTIVATED CARBON



BLS 8100next  
A1P2 R D  
WITHOUT MAINTENANCE



Kit BLS 4100next S  
A2P2 R  
BAYONET CONNECTION



BLS 4000next S ●  
+ BLS 201-3C P3 R filters  
ACTIVATED CARBON  
BAYONET CONNECTION



BLS 8100next  
A1P2 R D  
WITHOUT MAINTENANCE



Kit BLS 4100next S  
A2P2 R  
BAYONET CONNECTION



BLS 5000 ●  
BLS 5600 (Thermoplastic)  
BLS 5700 (Silicone)  
+ BLS 221 A2P3 R filters  
BAYONET CONNECTION



BLS 2000 ●  
BLS 2150V (Glass visor)  
BLS 2150 (Polycarbonate visor)  
+ BLS 421 A2P3 R filter  
UNIVERSAL CONNECTION

# OVERVIEW

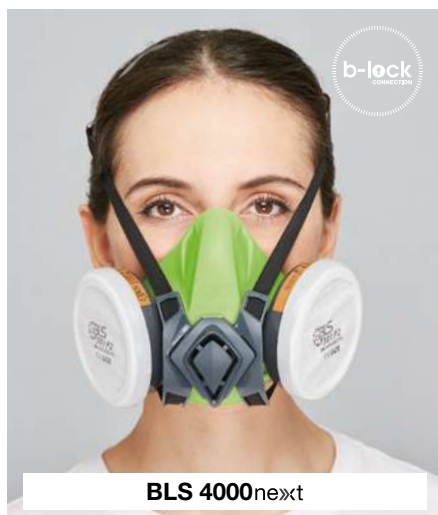
## BLS PRODUCTS





# OVERVIEW

## BLS PRODUCTS







Respect for the environment is reflected in all the choices we make. For this catalogue, printed on 100% recycled and recyclable papers, we have chosen the A4 format that allows you to eliminate waste as much as possible.

The entire catalogue was printed on Sappi Magno Natural paper, a recyclable and biodegradable paper made from sustainably sourced and controlled fibres; bleached without the use of chlorine.

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~~Think~~ different!

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