

**ULTRIMAX<sup>®</sup>**

## BLS Mask Range



SPECIALISTS IN TOTAL 'PAINT SHOP SUPPORT'

## BLS Valved Dust Mask - FFP3

### ANATOMIC

Preformed face piece for easy donning and excellent fit, wide field of vision and high compatibility with glasses.

### GASKET

Soft technical foam which allows an excellent fit and guarantees a high comfort.



### 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.

### ARMOR EXTERNAL PROTECTIVE LAYER

External protective layer that ensures the protection of the filtering material from dirt, dust and liquids extending and preserving filtering efficiency.



### NANO FILTRATION

All models in the BLS Zer0 series have been tested for nanoparticle protection. The study showed that the filtering materials of the selected BLS devices, including the BLS Zer0 series as filtering facepieces, filter more than 99% of these nanoparticles and are to date the only ones on the market to have this certification.



EN 149-2001

MICROPARTICLES

0,001 µm

0,4 µm

10 µm

### ARMOR TECHNOLOGY

It's external protective layer which protects the facepiece from dirt and liquids, while being absolutely breathable. It also protects against the dirt, so the mask performs for a longer time.

**Armor** is a perforated polymer film. Each hole is of an optimal size to keep the drop of fluid compact to be intercepted and to prevent it from spreading over the surface and being absorbed between the pores of the fibres. Moreover, 'Armor' has a very low surface

roughness and allows fluid droplets to slide off intact with every movement of the face.



### EOLO TECHNOLOGY

The Eolo high efficiency valve represents a special system of fixing the valve diaphragm at three points instead of one, which allows 30% more air to pass through on exhalation than conventional valves.

Opening at the bottom: air flow downwards = no fogging up of glasses



### WELDED ELASTICS

The ultrasonic welded elastics are made of hypoallergenic latex-free material to eliminate the exposed metal parts.

### INTERNAL 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.

### BREATHABLE

The filtering material has a transpiration ratio of water vapour from the body out (quantity of water vapour crossing the filtering material) of 4500 g/mq\*24h. This is a very high value, which characterizes highly transpirant materials.

### VERY LOW BREATHING RESISTANCE

Classification	Inhalation		Exhalation
	30 l/min	95 l/min	160 l/min
FFP1	0,6 mbar	2,1 mbar	3,0 mbar
FFP2	0,7 mbar	2,4 mbar	3,0 mbar
FFP3	1,0 mbar	3,0 mbar	3,0 mbar

Scan to view the product brochure



Part Code	Box Qty
BLS-ZER031	10

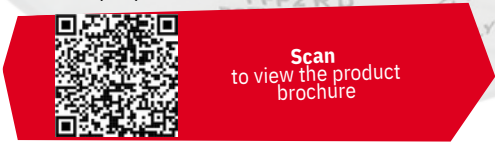




BLS Valved Disposable Respirator - FFP2

- FACEPIECE**  
The large cup shape offers greater durability and reduced breathing resistance.
- WELDED ELASTICS**  
Ultrasonically welded elastics are designed to eliminate all exposed metal parts. The model with activated carbon, on the other hand, has a resistant and performing textile elastic.
- AVAILABLE WITH EXHALATION VALVE**  
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.
- INTERNAL 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.
- PARTIAL GASKET**  
Soft technical foam, which allows an excellent fit and guarantees a high comfort.
- AVAILABLE WITH ACTIVATED CARBONS**  
These models protect against acid, organic and ozone gases/vapours below the Threshold Limit Value (TLV) specific for each substance.

Part Code	Box Qty
BLS-129BW	15



BLS Valved Dust Mask - Fold Flat - FFP2

- FLAT 3-PANEL DESIGN**  
Perfect fit to all facial movements, ensuring maximum protection and efficiency, with a large filtering surface area.
- ADJUSTABLE NOSEBRIDGE**  
Nose bridge embedded in the filtering material, to guarantee the ideal fit.
- FOAM GASKET**  
Soft gasket in the nose area.
- INDIVIDUALLY PACKED**  
Hygienic, practical to be carried in a pocket.
- EXCELLENT FIELD OF VISION**  
Well shaped, perfectly compatible with glasses.
- NECK ELASTICS**  
For a correct positioning on the head, to guarantee the best fit.



Part Code	Box Qty
BLS-680N	10

# Reusable Range Half Face Masks

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## BLS Half Face Mask - 4000next Series

**25% LIGHTER FACEPIECE**  
The reduction in the thickness of the oronasal allowed a 25% reduction in the weight of the half mask, which appears to be among the lightest on the market.

**DROP-OFF SYSTEM**  
Front mask with quick attachment/release system and sliding elastics, to remove and lower the half mask without removing the head harness.  

- Front shield with a quick hooking/unhooking system and sliding elastics, allowing to wear off and lower the mask, in an easy and wick way, without having to remove the harness.
- New thinner and lighter harness with quick adjustment
- Excellent compatibility with other PPEs, such as glasses and helmets
- New hooks with faster and more intuitive locking system
- Easy inspection and cleaning, thanks to the fast opening of the frontal shield.

**4000 S = SILICON**  
Soft and comfortable.

**BAYONET CONNECTION**  
Highly intuitive with a quick and safe hold on the mask and locking feedback for a better weight distribution on the mask and a wider field of vision. Compatible with BLS 200 series filters.

**EASY AND FAST MAINTENANCE**  
It can be disassembled in less than a minute making cleaning and maintenance much easier.



**HEAD HARNESS**  
Thinner and lighter head harness, with quick adjustment, allowing excellent compatibility with other PPE.

**THERMOPLASTIC RUBBER**  

- Easy to mould
- Easy to be recycled
- In spite of being very elastic, it keeps its shape, with no deformation
- Cheaper than silicon
- Soft and comfortable

**THE KITS**  
Ready-to-use easy kit; half mask and pair of filters, in a resealable bag.



Part Code	Model	Protection
BLS4100ML	4100 Silicon	A2P2
BLS4400ML	4400 Silicon	ABEK1P3
BLS4600ML	4600 Silicon	A2P3

Part Code	Box Qty
BLS4000NR	1

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# Reusable Range

## Half Face Masks

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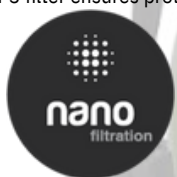
### BLS Maintenance Free Half Mask - 8000next Series

This half mask combines the simplicity of disposable products with the protection of the reusable ranges. It is designed to be replaced when the filters run out. Excellent against both Particulate and Gases

- X SIMPLE LIKE A DISPOSABLE | PROTECTING LIKE A REUSABLE**  
The device is ready-to-use and maintenance free, it is designed to be replaced when the filters run out.
- X FACEPIECE**  
Made with a high quality thermoplastic elastomer, non-deformable and durable.
- X DROP-OFF SYSTEM**  
Quick attachment/release system and sliding elastics allow to remove and lower the half mask without removing the head harness.
- X ACTIVATED CARBONS**  
BLS activated carbons meet high standards of safety ensuring excellent filtration performances. They are produced without toxic additives, such as Hexavalent Chromium (Cr VI).



- X FILTER PROTECTIVE LAYER**  
External layer to ensure filtering material protection, extending and preserving filtering efficiency and making the device safer.
- X DESIGN AND FIELD OF VISION**  
Lower positioning of the filters allows high visibility and low interference with the visual field.
- X NANOFILTRATION**  
P3 filter ensures protection from 99% of nanoparticles.



Part Code	Model	Protection
BLS8100N	8100	A1P2 RD
BLS8400N	8400	ABEK1P3 RD
BLS8600N	8600	A2P3 RD

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# Reusable Range Full Face Masks

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## BLS Full Face Mask - M/L

BLS 5000 series reusable full face masks are available with silicone. They are characterized by the high protection provided when used in combination with quick b-lock bayonet filters (BLS 200 Series) that protect against gas/vapours and toxic particles.

- ANTI-FOG SYSTEM**  
To avoid visor fogging through the control of the cold and hot air flows inside the mask without surface treatments.
- FACE SEAL**  
In soft thermoplastic rubber.
- 6-POINT HARNESS**  
Fixed on 6 points directly on the rigid body of the mask on order not to deform the face seal. It allows the distribute the weight of the full face mask evenly without leaving face marks.
- FRAME FOR PRESCRIPTION LENSES**  
Specific frame available as an accessory, to mount prescription lenses.



- BAYONET CONNECTION**  
Highly intuitive with a quick and safe hold on the mask and locking feedback for a better weight distribution on the mask and a wider field of vision. Compatible with BLS 200 series filters.
- B-LOCK 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.



- SILICONE NOSEPIECE**  
Ensures better performance and longer life.
- OPTICAL CLASS 1 VISOR**  
No phonic membrane  
One size

Part Code	Box Qty
BLS5600	1

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### ANTI-FOG

Designed to avoid visor fogging through the control of the cold and hot air flows inside the mask without perishable surface treatments.



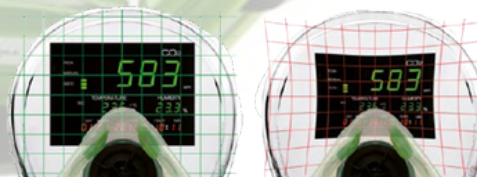
### K-COMFORT

BLS5000 series masks' harness is fixed on 6 attachment points directly to the rigid frame of the mask so as not to deform the face seal. It allows a highly precise adjustment by distributing the pressure on the user's face uniformly without leaving face marks.



### LIVE VISOR

In BLS 5000 series masks, the screen protection in optical class 1 (EN 166) allows a panoramic visual field without optical distortions. A vitrification treatment on its surface makes it scratch resistant.



**VISOR**  
Optical class 1

**VISOR**  
Lower optical class



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# Filters

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## **BAYONET CONNECTION**

This connection is very intuitive, it allows a quick and secure attachment to the mask. It has a locking mechanism that lets the user know if the filter has been positioned correctly.

## **ACTIVATED CARBONS**

The quality of the activated carbons used by BLS for gas and vapour filtration meets high safety standards and guarantees excellent filtration performance. They are produced without using toxic additives such as Hexavalent Chromium (Cr VI) and are certified food grade.

## **TESTED AGAINST FORMALDEHYDE**

BLS has carried out specific NIOSH tests in an accredited laboratory to verify the penetration of formaldehyde into its carbons used for ABEK and ABE filters.

## **DUST FILTER**

Filtration efficiency is 99.99%. The integrity of the filtering material is ensured by a protective mesh.

## **FILTER CANISTER**

Made of non deformable ABS allows to have an absolute control over the compression of the activated carbon grains within, this way air corridors are completely avoided making the filter 100% safe.

Protection	Part Code	Box Qty
P3	BLS202	8
K2	BLS244	8
A2	BLS211	8
ABEK1	BLS214	8
P2	BLS301	8

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### **BLS PARTICULATE FILTER P3**

P3 = Dusts and Fumes

Applications: Welding, Grinding, Sanding, Wood Works, Asbestos Removal, Dust Painting

### **BLS GAS & VAPOUR CARTRIDGE FILTER K2**

K2 = Ammonia /Organic Ammonia + Derivatives

Applications: Working with Chemicals

### **BLS GAS & VAPOUR CARTRIDGE FILTER A2**

A2-P3 = Organic Vapours + Dusts and Fumes

Applications: Spray Paint, Use of Solvents, Agriculture, Disinfection

### **BLS GAS & VAPOUR CARTRIDGE FILTER ABEK1**

ABEK-P3 = Organic/Inorganic/Acid Vapours, Ammonia + Dusts and Fumes

Applications: Maintenance, Industrial Cleaning

### **BLS PARTICULATE PRE FILTER P2**

Dust pre-filter to be used on BLS 200 series filters. thanks to its special shape it self-locks directly onto the filter



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AEROSOLS



SPRAY  
EQUIPMENT



CONSUMABLES



PAINT



PAINT SHOP TOOLS  
& EQUIPMENT



TECHNICAL  
SUPPORT

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