

BLS 2000 SERIES

REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40



BLS 2000 series full-face masks face seal is made of thermoplastic rubber, as well as the inner facepiece, with which it is fully integrated. They are characterised by the high protection factor they provide when used in combination with RD40 universal connection filters (BLS 400 series) that protect against gases/vapours and toxic particulates.



UNIVERSAL CONNECTION RD40

Standard thread connection according to EN 148-1, universal among all respiratory protection devices.

AVAILABLE WITH GLASS VISOR

It is most suitable for providing high resistance to chemicals, so it is the best solution for spray painting applications, since it can be cleaned with solvents without being damaged.

ANTI-FOG

Designed to avoid visor fogging through the control of the cold and hot air flowing inside the mask: no need of surface antifog coating, which would deteriorate after cleaning.

QUICK AND INTUITIVE MAINTENANCE

Thanks to overmoulding production, the number of components is extremely reduced, enabling quick and easy product maintenance.

COMPACT DIMENSIONS

In spite of the compact profile of the mask, the visor provides an excellent field of vision. Distortion-free vision is guaranteed with both polycarbonate and glass configurations.

LIGHTWEIGHT

Only 458g (with polycarbonate visor).

FACE SEAL

Thermoplastic rubber is a highly resistant material, which is not subject to deformation.

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.

ADDITIONAL FEATURES

- Phonic membrane to facilitate communication
- Harness fixed on 6 connection points: it guarantees more precise adjustment and a better fit and stability.





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MATERIALS

FACE SEAL	Thermoplastic rubber
VISOR BLS 2150	Polycarbonate
VISOR BLS 2150V	Multilayer glass
FILTER HOLDER	Polypropylene
HARNESS	EPDM
HEAD PIECE	Thermoplastic rubber
PACKAGING	Resealable PP bag to ensure proper storage

*All components in direct contact with user's face are LATEX FREE
BLS 2150 and BLS 2150V masks and all their components are Made in Europe*

TECHNICAL DATA

MODEL	FACE SEAL	VISOR	DEVICE CLASS	CONNECTION	NPF (particle and combined filter)	NPF (gas filter)
BLS 2150	Thermoplastic rubber	Polycarbonate	2	EN148-1 (Universal)	1000*TLV (P3)	2000*TLV
BLS 2150V	Thermoplastic rubber	Glass	2	EN148-1 (Universal)	1000*TLV (P3)	2000*TLV

TLV) Threshold Limit Value (NPF) Nominal Protection Factor according to EN 529:2005

TRANSPORT

MODEL	CODE	WEIGHT (g)	Q.TY/BOX	Q.TY/CARTON	WEIGHT CARTON (Kg)
BLS 2150	8102015	458	1	4	2,13
BLS 2150V	8102016	538	1	4	2,42

STORAGE

SHELF-LIFE	10 years
TEMPERATURE	-10°C/+50°C
RELATIVE HUMIDITY	80% max

CERTIFICATION

BLS full face masks are:

- Certified according to European Regulation 2016/425 (Personal Protective Equipments)
- Certified as PPE of III category, in presumption of conformity to harmonized standard EN 136:1998
- Certified and controlled according to Annex D by Italcert S.r.l. (Notified Body n°0426)
- CE marked

BLS management system is ISO 9001 certified.



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AVAILABLE MODELS



Full face masks
BLS 2150 - BLS 2150V

COMPATIBLE FILTERS



Filters
BLS 400 series

DEVICES WITH THE SAME CONNECTION RD40



Half mask
BLS SGE46



Full face masks
BLS 3000



Full face masks
BLS 5400 - BLS 5150



COMPATIBLE FILTERS

CODE	PRODUCT	PROTECTION	COLOUR CODE
8011013	401 P3 R ⁽²⁾	Dust	○
8011002	411 A2	Organic gases and vapours, class 2	●
8011023	412 AX	Organic gases and vapours with a boiling point lower than 65° C	●
8011005	413 K2	Ammonia and derivatives, class 2	●
8011016	414 ABE2	Organic, inorganic and acid gases and vapours, class 2	● ● ●
8011007	415 ABEK2	Organic, inorganic and acid gases and vapours and ammonia and derivatives, class 2	● ● ● ●
8011008	421 A2P3 R	Organic gases and vapours, class 2 and dust	● ○
8011024	422 AXP3 NR	Organic gases and vapours with a boiling point lower than 65°C and dust	● ○
8011017	423 ABE2P3 R ⁽¹⁾	Organic, inorganic and acid gases and vapours, class 2 and dust	● ● ● ○
8011022	424 ABEK1P3 R	GOrganic, inorganic and acid gases and vapours, ammonia, class 1 and dust	● ● ● ● ○
8011012	425 ABEK2P3 R ⁽¹⁾	Organic, inorganic and acid gases and vapours, ammonia, class 2 and dust	● ● ● ● ○
8011014	430 ABEK2HgP3 R ⁽¹⁾	Organic, inorganic and acid gases and vapours and ammonia and derivatives class 2 mercury vapours and dust	● ● ● ● ● ○
8117004	441 ABEK2HgNOCOP3 R ⁽¹⁾	Organic, inorganic, acid gases and vapors, ammonia and derivatives, mercury vapor, sulfur dioxide, nitrous gases, carbon monoxide, and dust	● ● ● ● ● ● ● ○
8117005	442 Reaktor A2P3 R D ⁽¹⁾	Organic vapours and radioactive iodine, including radioactive iodomethane	● ○

(1) these filters cannot be used with half masks because their weight is greater than 300g

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



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ACCESSORIES



C43 – Washable bag with shoulder belt.



C22 – Frame for prescription lenses.



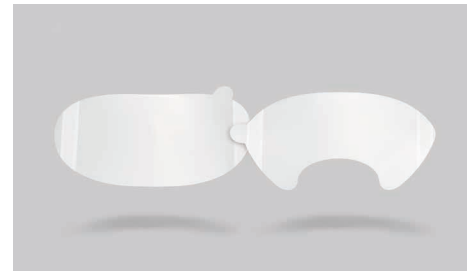
C90 – Wall mounted container.



Q409 – 150ml disinfectant spray bottle.



Q530 – Multi-purpose disinfectant wipes.



K16 – Acetate visor cover.

FIELDS OF USE

The use of a full face mask is advisable in the following situations:

- when the user is exposed to contaminants which are aggressive both for the breathing apparatus and the eyes
- when the concentration of the contaminant is higher than the protection factor of halfmasks with filters.

Nominal Protection factor for full face masks: 1.000 x TLV with dusts and combined filters; 2.000 x TLV with gas filters.

LIMITATIONS OF USE

Do not use the full face mask when:

- oxygen concentration is < 17%
- the conaminants are not known or in concentrations higher than the NPF of the device.

NOTE: it is unlikely that a correct fit is achieved in case of users with beard or glasses.

SELECTION GUIDE

GLASS VISOR_BLS 2150V

- Composed of three layers of anti-fragmentation material, it is suitable for high resistance to chemicals.

POLYCARBONATE VISOR_BLS 2150

- It offers excellent chemical-mechanical resistance thanks to its surface coating.

NOTE: Compared with the half-mask having similar connection, the full face mask can be combined with filters with total weight over 300g.

IMPORTANT

BLS declines any responsibility, direct or indirect, from any misuse of both devices and instructions. User is responsible for the determination of product compliance with the intended use.