



EU CONFORMITY DECLARATION / DICHIARAZIONE DI CONFORMITÀ DECLARACION DE CONFORMIDAD UE / DÉCLARATION DE CONFORMITÉ UE EU KONFORMITÄTSEKLRÄRUNG / EU CONFORMITEITSVERKLARING

(EN)

The manufacturer **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italy) declares that the Personal Protective Equipment (PPE) described in the table

- are in conformity with the provisions of the Regulation EU2016/425 and the harmonized standard **EN 136:1998 [UNI EN 136:2000]**
- are identical to the PPE that is subject of the EU type certificate n° **PPE011AT2407** issued by ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milan MI - Italy), notified body No. 0426
- are subject to the procedure set out in Annex VIII (module D) of the EU 2016/425 Regulation, under the control of ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milan MI - Italy), notified body No. 0426

(ES)

El fabricante **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italia) declara que los Equipos de Protección Individual (EPI) descritos en la tabla

- están en conformidad con las disposiciones del Reglamento UE 2016/425 y la norma armonizada **EN 136:1998 [UNI EN 136:2000]**
- son idénticos al EPI que está sujeto al certificado de tipo UE n° **PPE011AT2407** emitido por ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milán MI - Italia), organismo notificado No. 0426
- están sujetos al procedimiento establecido en el Anexo VIII (módulo D) del Reglamento UE 2016/425, bajo el control de ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milán MI - Italia), organismo notificado No. 0426

(DE)

Der Hersteller **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italien) erklärt, dass die in der Tabelle beschriebene persönliche Schutzausrüstung (PSA)

- der Verordnung EU 2016/425 und dem harmonisierten **EN 136:1998 [UNI EN 136:2000]** entspricht
- identisch zu der persönliche Schutzausrüstung (PSA) des von dem notifizierten Stelle N. 0426 (v.le Sarca, 336 - 20126 - Mailand MI - Italien) ITALCERT S.R.L., erlassenen EU-Zertifikates N. **PPE011AT2407** ist
- das vom notifizierten Stelle N. 0426 (v.le Sarca, 336 - 20126 - Mailand MI - Italien) ITALCERT S.R.L., kontrollierten Verfahren der Verordnung 2016/425 - Anlage N. VIII (Modul D) erfüllt

(IT)

Il fabbricante **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italia) dichiara che i Dispositivi di Protezione Individuale (DPI) descritti in tabella

- sono conformi alle disposizioni del Regolamento EU 2016/425 e alla norma armonizzata **EN 136:1998 [UNI EN 136:2000]**
- sono identici al DPI oggetto del certificato UE di tipo n° **PPE011AT2407** rilasciato da ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milano MI - Italia), organismo notificato n° 0426
- sono sottoposti alla procedura prevista all'Allegato VIII (modulo D) del regolamento EU 2016/425, sotto il controllo di ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milano MI - Italia), organismo notificato n° 0426

(FR)

Le fabricant **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italie) déclare que les Équipements de Protection Individuelle (EPI) décrits dans le tableau

- sont conformes aux dispositions du règlement UE 2016/425 et à la norme en vigueur **EN 136:1998 [UNI EN 136:2000]**
- sont identiques à l'objet EPI du certificat de l'UE du type n° **PPE011AT2407** délivré par ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milan MI - Italie), organisme notifié n° 0426
- sont soumis à la procédure décrite à l'Annexe VIII (module D) du règlement UE 2016/425, sous le contrôle de ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milan MI - Italie), organisme notifié n° 0426

(NL)

De fabrikant **BLS S.R.L.** (via dei Giovi, 41 - 20032 - Cormano MI - Italië) verklaart dat de persoonlijke beschermingsmiddelen (PBM) zoals beschreven in de tabel

- in overeenstemming is met de bepalingen van de EU-verordening 2016/425 en de geharmoniseerde norm **EN 136:1998 [UNI EN 136:2000]**
- identiek is aan de PBM die is onderworpen aan het EU-typecertificaat nr. **PPE011AT2407** uitgegeven door ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milaan MI - Italië), aangemeld instantie nr. 0426
- zijn onderworpen aan de procedure die is vastgesteld in bijlage VIII (Module D) van de EU-verordening 2016/425, onder de controle van ITALCERT S.R.L. (v.le Sarca, 336 - 20126 - Milaan MI - Italië), aangemeld instantie nr. 0426

MODEL / MODELLO / MODELO MODÈLE / MODELL / MODELNAAM	CLASSIFICATION / CLASSIFICAZIONE / CLASIFICACIÓN CLASSIFICATION / KLASSIFIZIERUNG / CLASSIFICATIE	CATEGORY / CATEGORIA / CATEGORÍA CATÉGORIE / KATEGORIE / CATEGORIE
5600, 5700, 5700/C	Class 2 / Classe 2 / Clase 2 / Classe 2 / Klasse 2 / Klasse 2	Full face mask / Maschera intera / Máscara completa Masque complet / Vollmaske / Volgelaatsmasker
5150, 5400, 5400/C	Class 3 / Classe 3 / Clase 3 / Classe 3 / Klasse 3 / Klasse 3	

Cormano, 17/04/24

Luciano Zani

Chairman / Presidente /
Presidente / Président /
Vorsitzende / Voorzitter /

BLS S.R.L.

SOCIETÀ A SOCIO UNICO / SOLE SHAREHOLDER COMPANY

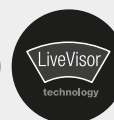
HEADQUARTERS – REGISTERED OFFICE / SEDE LEGALE via dei Giovi, 41 - 20032 Cormano (MI) - Italy

PARTITA IVA / VAT N° IT12296780153 CODICE FISCALE / TAX ID 07822320151

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BLS 5000 SERIES



REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40

BLS 5000 series reusable full face masks are available in silicone or thermoplastic rubber. They are characterized by the single thread connection, EN148-1 certified, to be used in combination with our wide range of universal filters (BLS 400 series) that protect against gas/vapors and toxic particulates.



HARNESS

Fixed on 6 connection points, BLS 5000 series harness guarantees a highly precise adjustment by distributing the pressure on the face uniformly.



UNIVERSAL CONNECTION

Universal threaded connection for respiratory protective equipment, standardized according to EN 148-1.

PHONIC MEMBRANE (BLS 5400)

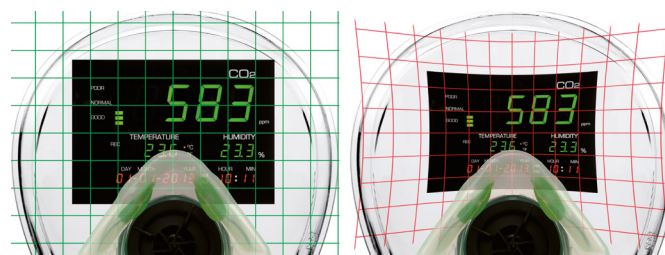
An aluminium layer, inside the breathing unit of the device, enables the transmission of vocal sound.

ANTI-FOG

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

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 and ensures a good resistance to the aggression of a number of chemicals (non-scratched screen). In chemical applications however, the use of a visor cover is always recommended.



FACE SEAL

Available in soft but resistant TPE (BLS 5150) or soft, very comfortable and anallergic silicon, which is also characterized by a very good resistance to high heat (BLS 5400).

NEW INNER HALF MASK

The inner half mask, made of soft TPE, has been redesigned to better fit the facial profile, and is easily replaceable.

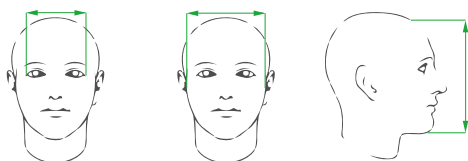
BLS 5000 SERIES



REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40

AVAILABLE SIZES

BLS 5400 full face mask is available in Small, Medium and Large size, to perfectly fit all facial profiles.



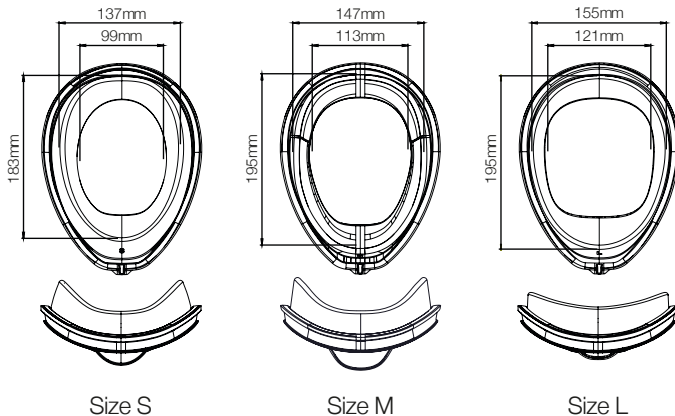
S	99mm	137mm	183mm
M	113mm	147mm	195mm
L	121mm	155mm	195mm

SILICON vs TPE

Main features of the 2 materials:

- **Silicon** – Smooth touch surface; higher mechanical and thermal stress resistance. In general terms, better resistance to chemicals, especially organic compounds, like solvents; more stable to UV rays, better resistance to ageing. Our silicon is FDA approved.
- **TPE** – Easier to mould and to recycle. Good resistance to inorganic compounds.

NOTE: both our silicon and TPE are anallergic (Test report from Centrocot SpA n. 24RA05613 and 24RA05611 dated June 2024).



BLS 5000 SERIES



REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40

MATERIALS

FACE SEAL BLS 5400	Silicone
FACE SEAL BLS 5150	Thermoplastic elastomer (TPE)
VISOR	Polycarbonate (PC) + vitrification
FILTER HOLDER	Polyamide (PA)
HARNESS	EPDM
INNER HALF MASK	Thermoplastic elastomer (TPE)
SPEECH DIAPHRAGM (BLS 5400 only)	Aluminum
NECK LANYARD (BLS 5400 only)	Polyester (PES)

All components in direct contact with user's face are LATEX FREE

Full face masks BLS 5150 and BLS 5400 are Made in Europe, as well as all their components

TECHNICAL DATA

MODEL	FACE SEAL	DEVICE CLASS	OPTICAL CLASS EN 166	CONNECTION	NPF (particle and combined filter)	NPF (gas filter)
BLS 5400	Silicone	3	1	EN148-1 (Universal)	1000*TLV (P3)	2000*TLV
BLS 5150	Thermoplastic	3	1	EN148-1 (Universal)	1000*TLV (P3)	2000*TLV

(TLV) Threshold Limit Value (NPF) Nominal Protection Factor

TRANSPORT

MODEL	CODE	SIZE	WEIGHT (g)	Q.TY/BOX	Q.TY/CARTON	WEIGHT CARTON (Kg)
BLS 5400	8102019	S	556	1	4	3,54
BLS 5400	8001039	M	536	1	4	3,46
BLS 5400	8102020	L	506	1	4	2,56
BLS 5150	8001035	M	489	1	4	3,42

STORAGE

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

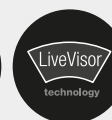
CERTIFICATION

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.

BLS 5000 SERIES



REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40

AVAILABLE MODELS



Full face masks
BLS 5400 - BLS 5150

COMPATIBLE DEVICES



Filters
BLS 400 series

DEVICES WITH THE SAME CONNECTION



Half mask
BLS SGE46



Full face masks
BLS 3150



Full face masks
BLS 2150/2150V

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	Organic, 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 vapours, 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

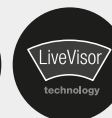
FIELDS OF USE

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.

BLS 5000 SERIES



REUSABLE FULL FACE MASKS WITH UNIVERSAL CONNECTION RD40

LIMITATIONS OF USE

Do not use the full face mask when:

- oxygen concentration is < 17%
- the contaminants 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

ACCESSORIES



C41 – Washable bag with shoulder belt.



C22 – Frame for prescription lenses.



C90 – Wall mounted container.



Q409 – 150ml disinfectant spray bottle.



Q530 – Multi-purpose disinfectant wipes.



K15 – Polycarbonate visor cover.



K19 – Acetate visor cover.

INSTRUMENTATION

BLS Ma.Tech Connect 200 – code 8105063

Test bench to check proper sealing of the filtering mask, with the possibility to record and print a report to keep track of the maintenance activities performed on the mask. Test bench enables both manual and automatic static leak testing of filtering masks, SCBA as well as gas-tight clothing, in the low and medium pressure range.



SELECTION GUIDE

FULL FACE MASK VS HALF MASK

- Provides a much higher Nominal Protection Factor: 1.000 x TLV with dusts and combined filters; 2.000 x TLV with gas filters
- Protects face and eyes from dust, splinters and chemicals
- Supports filters with a total weight higher than 300 g.

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.