

BLS 200 SERIES

TWIN FILTERS WITH BAYONET CONNECTION



With features such as high efficiency, ease of use and safety the filters of this series are the best offered by BLS, protecting from gases and vapours as well as toxic particulates.



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) and are food grade certified (REGVE231/2017).



DUST FILTER

Filtration efficiency is 99,99%. The integrity of the filtering material is ensured by a protective mesh.

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.

TESTED ON FORMALDEHYDE

Specific tests show that ABEK and ABE special BLS carbons are capable to guarantee protection from formaldehyde. Even with class 1 filters it's possible to achieve proper protection. At the end of the test the detected concentration of formaldehyde at the end of the filter is lower than half the Threshold Limit Value according to NIOSH TEB-APR-STP-0039A (Breakthrough Point).

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.



BLS 200 SERIES

TWIN FILTERS WITH BAYONET CONNECTION

MATERIALS

FILTER'S CANISTER	Acrylonitrile butadiene styrene (ABS)
DUST FILTERING MATERIAL	Pleated fiber mesh
GASES AND VAPOURS FILTERING MATERIAL	Activated carbons grains

STORAGE

SHELF-LIFE	5 years
TEMPERATURE	-10° / +50° C
RELATIVE HUMIDITY	70% max

TECHNICAL DATA

MODEL	PROTECTION	TYPE	TESTED FOR FORMALDEHYDE	TESTED FOR FLUORIDRIC ACID	NPF (half masks)	NPF (full face masks)	CONNECTION
BLS 202	P3 R	Dust	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 211	A2	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 212	AX	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 213	ABE1	Gases&vapours	V	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 214	ABEK1	Gases&vapours	V	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 221	A2P3 R	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 222	ABEK1P3 R	Combined	V	V	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 225	AXP3 NR	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 226	ABE1P3 R	Combined	V	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 241 Lunga durata	A2	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 242	ABE2	Gases&vapours	V	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 243	ABEK2	Gases&vapours	V	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 244	K2	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 251 long duration	A2P3 R	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 253*	ABE2P3 R	Combined	V	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 254*	ABEK2P3 R	Combined	V	V	48*TLV	1000*TLV	Bayonet (b-lock)

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

* this filters cannot be used with half masks because their weight combined is more than 300g

A = Organic gases and vapours AX = Organic gases and vapours (Boiling point <65 °C) B = Inorganic gases and vapours

E = Acid gases and vapours K = Ammonia and derivatives P = Dusts

CERTIFICATION

BLS filters are:

- certified according with DIR 89/686
- certified as PPE of III category, in presumption of conformity to harmonized standard EN 149:2001+A1:2009
- certified (Art. 10) and controlled (Art. 11.B) by Italcert S.r.l. (Notified Body n°0426)
- CE marked

BLS management system is ISO 9001:2008 certified



BLS 200 SERIES

TWIN FILTERS WITH BAYONET CONNECTION

TRANSPORT

MODEL	CODE	PROTECTION	WEIGHT (g) ± 3	Q.TY / BOX	Q.TY / CARTON	CARTON WEIGHT (Kg) ± 0,1
BLS 202	8011118	P3 R	133	8	64	5,9
BLS 211	8011109	A2	177	8	64	7,3
BLS 212	8011205	AX	222	8	64	5,7
BLS 213	8011110	ABE1	200	8	64	7,8
BLS 214	8011111	ABEK1	212	8	64	8,3
BLS 221	8011112	A2P3 R	270	8	64	10,4
BLS 222	8011113	ABEK1P3 R	302	8	64	11,5
BLS 225	8011206	AXP3 NR	313	4	32	6,6
BLS 226	8011145	ABE1P3 R	277	8	64	10,7
BLS 241	8011132	A2	225	8	64	9,0
BLS 242	8011133	ABE2	249	8	64	10,0
BLS 243	8011114	ABEK2	278	8	64	10,5
BLS 244	8011134	K2	283	8	64	10,5
BLS 251	8011138	A2P3 R	313	4	32	6,5
BLS 253	8011140	ABE2P3 R	350	4	32	6,8
BLS 254	8011141	ABEK2P3 R	360	4	32	7,4

TYPES OF FILTERS



Dust

Gases & vapours

Combined

COMPATIBLE DEVICES



Half masks
BLS 4000 S - BLS 4000R

Full face masks
BLS 5700 - BLS 5600

SELECTION GUIDE

CLASS

- Determines the quantity of activated carbon hence the duration of the filter
- Class 1 = 1000 ppm, Class 2 = 5000 ppm

COLOUR CODES

- A = Organic gases and vapours
- AX = Organic gases and vapours (Boiling point <65 °C)
- B = Inorganic gases and vapours
- E = Acid gases and vapours
- K = Ammonia and derivatives
- P = Dusts

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.