

# BLS 200 SERIES

FILTERS WITH BAYONET CONNECTION

**b-lock**

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



## 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).



## DUST FILTER

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



## 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.

## 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.



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### 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°C/+50°C
RELATIVE HUMIDITY	80% max

### TECHNICAL DATA

MODEL	PROTECTION	TYPE	TESTED on FORMALDEHYDE	TESTED on 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	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 214	ABEK1	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 221	A2P3 R	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 222	ABEK1P3 R	Combined	—	✓	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 225	AXP3 NR	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 226	ABE1P3 R	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 242	ABE2	Gases&vapours	✓	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 243	ABEK2	Gases&vapours	✓	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 244	K2	Gases&vapours	—	—	50*TLV	2000*TLV	Bayonet (b-lock)
BLS 253*	ABE2P3 R	Combined	—	—	48*TLV	1000*TLV	Bayonet (b-lock)
BLS 254*	ABEK2P3 R	Combined	—	—	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 to European Regulation 2016/425 (Personal Protective Equipments)
- Certified as PPE of III category, in presumption of conformity to harmonized standard EN 143:2000 + A1:2006 and EN 14387:2004 + A1:2008
- 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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## TYPES OF FILTERS



Dust



Gases & vapours



Combined

## COMPATIBLE DEVICES



Half masks  
BLS 4000 next S -  
BLS 4000 next R



Full face masks  
BLS 5700 - BLS 5600

## TRANSPORT

MODEL	CODE	PROTECTION	WEIGHT (g) ± 3	Q.TY/BOX	Q.TY/CARTON	CARTON WEIGHT (Kg) ± 0,1
BLS 202	8011118	P3 R	67	8	64	5,9
BLS 211	8011109	A2	89	8	64	7,3
BLS 212	8011205	AX	111	8	64	5,7
BLS 213	8011110	ABE1	100	8	64	7,8
BLS 214	8011111	ABEK1	106	8	64	8,3
BLS 221	8011112	A2P3 R	135	8	64	10,4
BLS 222	8011113	ABEK1P3 R	151	8	64	11,5
BLS 225	8011206	AXP3 NR	157	4	32	6,6
BLS 226	8011145	ABE1P3 R	139	8	64	10,7
BLS 242	8011133	ABE2	125	8	64	10,0
BLS 243	8011114	ABEK2	139	8	64	10,5
BLS 244	8011134	K2	142	8	64	10,5
BLS 253	8011140	ABE2P3 R	175	4	32	6,8
BLS 254	8011141	ABEK2P3 R	180	4	32	7,4

## 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.

## SELECTION GUIDE

### CLASS

- Determines the duration of the filter:
- Class 1 = 1000 ppm, Class 2 = 5000 ppm

### COLOUR CODES

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- P = Dusts