

# BLS 441 ABEK2HgNOCO20P3 R

FILTERS WITH UNIVERSAL CONNECTION RD40



BLS 441, as well as all filters of BLS 400 series, has a universal connection and it is compatible with all respiratory protective devices with RD40 connection.



## ACTIVE CARBON

BLS uses high quality activated carbons for the filtration of gases and vapours to ensure excellent filtration performance.

## FILTER CANISTER

The casing is made entirely of aluminium to ensure mechanical and heat resistance.

## UNIVERSAL CONNECTION RD40

BLS 400 series filters are equipped with a standardised thread according to EN 148-1, which is universal for respiratory protective devices.



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## MATERIALS

FILTER'S CANISTER	Aluminium with plastic caps
DUST FILTERING MATERIAL	Pleated fiber mesh
GASES AND VAPOURS	Activated carbon grains
FILTERING MATERIAL	

## STORAGE

SHELF-LIFE	5 years
TEMPERATURE	0°C / +50°C
RELATIVE HUMIDITY	80% max

## TECHNICAL DATA

MODEL	PROTECTION	TYPE	SINGLE PACKED	NPF (full face masks)	CONNECTION
BLS 441*	ABEK2HgNOCO20P3 R	Combined	✓	1000*TLV	EN 148-1 (Universal)

(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  
Hg = Mercury vapour NO = Nitrous gases CO = Carbon monoxide (20 min duration) 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 14387:2004 + A1:2008 and DIN 58620 (20 CO Class)
- 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 441 ABEK2HgNOC020P3 R



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## TYPE OF FILTER



Combined filter

## COMPATIBLE DEVICES



Full face masks  
BLS 5400 - BLS 5150



Full face masks  
BLS 2150 -  
BLS 2150V



Full face masks  
BLS 3150 -  
BLS 3150V

## TRANSPORT

CODE	MODEL	PROTECTION	WEIGHT (g) ± 3	Q. TY/BOX Q.	Q. TY/CARTON	CARTON WEIGHT (Kg) ± 0,1
8117004	BLS 441	ABEK2HgNOC020P3 R	~ 470	1	18	10,3

## 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

- A - Organic gases and vapours (Boiling point > 65°C)
- B - Inorganic gases and vapours
- E - Acid gases and vapours
- K - Ammonia and derivatives
- AX - Organic gases and vapours (Boiling point < 65 ° C)
- Hg - Mercury vapour
- NO - Nitrous gases
- CO - Carbon oxide
- Reaktor - Radioactive iodine (including radioactive iodomethane)
- P - Dusts