

# BLS 441 ABEK2HgNO2OCOP3 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 EN148-1 connection.



## DUST FILTER

Filtering efficiency is 99.99%.

## UNIVERSAL CONNECTION

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

## 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 strength, allowing total control over the compression of the carbon grains contained and is heat resistant. Air passages are completely avoided making the filter 100% safe.



# BLS 441 ABEK2HgNO20COP3 R

FILTERS WITH UNIVERSAL CONNECTION RD40



## MATERIALS

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

## 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*	ABEK2HgNO20COP3 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 oxid (20 min duration) P = Dusts

## CERTIFICATIONS

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 ABEK2HgNO2OCOP3 R

FILTERS WITH UNIVERSAL CONNECTION RD40



## TYPES OF FILTERS



COMBINED

## COMPATIBLE DEVICES



BLS 5000  
SERIES



BLS 3000  
SERIES

## TRANSPORT

CODE	MODEL	PROTECTION	WEIGHT (g) ± 3	Q.TY/BOX Q.	Q.TY/CARTON	CARTON WEIGHT (Kg) ± 0,1
8117004	BLS 441	ABEK2HgNO2OCOP3 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