



BartelsRieger respiratory filters

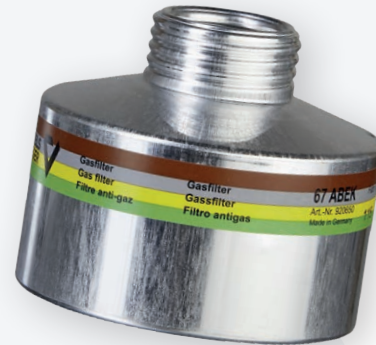
Screw filters and plug-in filters

BartelsRieger screw filters **Easy, flexible and safe**

With screw filters from BartelsRieger you ensure reliable protection against hazardous substances. Our filters are manufactured by specialists and subjected to strict quality controls. Customers safety is always our top priority.

Gas filters: The 66 and 67 series

- Filter types A, B, E, K, ABEK and AX
- Class 1 and 2 gas filters are tested and approved according to European standard EN 14387 and prEN 14387:2017
- High-quality and lightweight aluminum housing for additional safety in use



Particle filters 30P3 and 30P3 Plus

- The lightest P3 screw filters on the market (weight <50 g)
- Conform to the European standard EN 143:2007
- Protection against toxic and highly toxic aerosols in liquid and solid form
- 30 P3 Plus screw filter is also suitable for protection against radioactive dusts due to its high separation efficiency of over 99.99
- Inhalation resistance <1.2 mbar at 30 l/min as well as <4.2 mbar at 95 l/min constant airflow
- 10 years shelf life



BR Combination filters

- Combine gas, multigrade and particulate filters
- Special filters for protection against nitrogen oxides or mercury
- Positive pressure filter for M45x3 breathing connections according to EN 148-3



Suitable for work in EX areas

- Respiratory filters of the 80, 81, 84, 85 and 86 series are approved for potentially explosive atmospheres of zones 1, 21, 2 and 22
- Particle filters 30 P3 and 30 P3 Plus meet the requirements for explosion groups IIA and IIB of zone 1 according to TRBS 2153



BartelsRieger plug-in filters **Sustainable, flexible and cost-effective**

Plug-in filters are connected to suitably standardized masks with a reusable filter holder via an RD40 round thread connection to DIN EN 148-1. Coarse dust prefilters extend the operating times in heavily contaminated work areas.

Filter holder and coarse dust prefilter

- Filter holder 5570/35 for filter series 19, 24, 25
- Filter holder 5570/70 for filters series 34, 39, 40, 45
- Prefilters trap coarse paint mist and dust and extend service life of particle and combination filters
- Uncomplicated filter change possible without disassembly from respirator mas

Particle filter

- Particle filters 24 P2 R and 25 P3 R are made of plastic and are particularly lightweight
- Protection against solid and liquid aerosols with reduced size
- Approved and tested according to European standard EN 14387:2004+A1:2008

Gas, multigrade and combination filters

- Filter series 19 includes gas filters A, B, E and K
- Multirange filter 34 ABEK combines these 4 filter ranges
- Tested and approved according to European standard EN 14387
- Combination filters of series 39, 40 and 45 combine protection against gases and vapors with a particle stage



Screw filter classifications

AX	A	B	E	K	P1	P2	P3	Hg	NO	Marking	Articlenumber	Thread connection
Gasfilter												
										A2	920600	Rd40
										B2	920601	Rd40
										E2	920602	Rd40
										K2	920603	Rd40
										A2 B2	920605	Rd40
										A2 B2 E2 K1	920650	Rd40
										AX	920850	Rd40
										A2 B2 E2 K2	920851	Rd40
Particlefilter												
										P3	922404	Rd40
Combinationfilter												
										A2 P2	924300	Rd40
										B2 P2	924301	Rd40
										A2 B2 E2 K1 P2	924350	Rd40
										AX P2	924602	Rd40
										AX P3	924604	Rd40 + M45x3
										A2 P3	924400	Rd40
										B2 P3	924401	Rd40
										A2 B2 P3	924406 + 202422	Rd40
										A2 B2 E2 K1 P3	924450 + 202416	Rd40
										A2 B2 E2 K1 P3	924451	Rd40 + M45x3
										AX P3	924702	Rd40
										A2 B2 E2 K2 P3	924701 + 202424	Rd40
										A2 B2 E2 K2 P3	924706	Rd40 + M45x3
Specialfilter												
										Hg P3	924405	Rd40
										A2 B2 E2 K1 Hg P3	924452 + 202417	Rd40
										A2 B2 E2 K1 Hg P3	924453	Rd40 + M45x3
										NO P3	924700	Rd40
										A2 B2 E2 K2 Hg P3	924703 + 202425	Rd40
										A2 B2 E2 K2 Hg P3	924715	Rd40 + M45x3
Colour												

- Legend**
- AX** Vapors of organic compounds with boiling point $\leq 65^{\circ}\text{C}$ (low boilers).
- A** Vapors of organic compounds with boiling point $> 65^{\circ}\text{C}$
- B** Inorganic gases and vapors
- E** Acid gases e.g. sulfur oxide
- K** Ammonia and organic ammonia derivatives
- Hg** Mercury vapors

- NO** Nitrous gases, also nitrogen monoxide
- P1** Particles of inert substances (smoke, dusts)
- P2** Particles of low-toxic substances
- P3** Particles of toxic substances
- R** Particle filter reusable
- D** Single-storage test passed
- Ü** Positive pressure filter

Plug-in filters classifications

A	B	E	K	P1	P2	P3	Marking	Filter holder 5570/35 5570/70		Articlenumber
Gasfilter										
							A1	✓	✓	920000
							B1	✓	✓	920001
							E1	✓	✓	920002
							K1	✓	✓	920003
							A1 B2 E1 K1		✓	920405
Particlefilter										
							P2	✓	✓	922300
							P3	✓	✓	922350
Combinationfilter										
							A1 P2		✓	924000
							B1 P2		✓	924002
							E1 P2		✓	924003
							K1 P2		✓	924004
							A1 P3		✓	924100
							A1 B1 P3		✓	924110
							Colour			

- Legend**

A Vapors of organic compounds with boiling point > 65 °C

B Inorganic gases and vapors e.g. chlorine, hydrogen sulfide

E Acid gases e.g. sulfur oxide

K Ammonia and organic ammonia derivatives

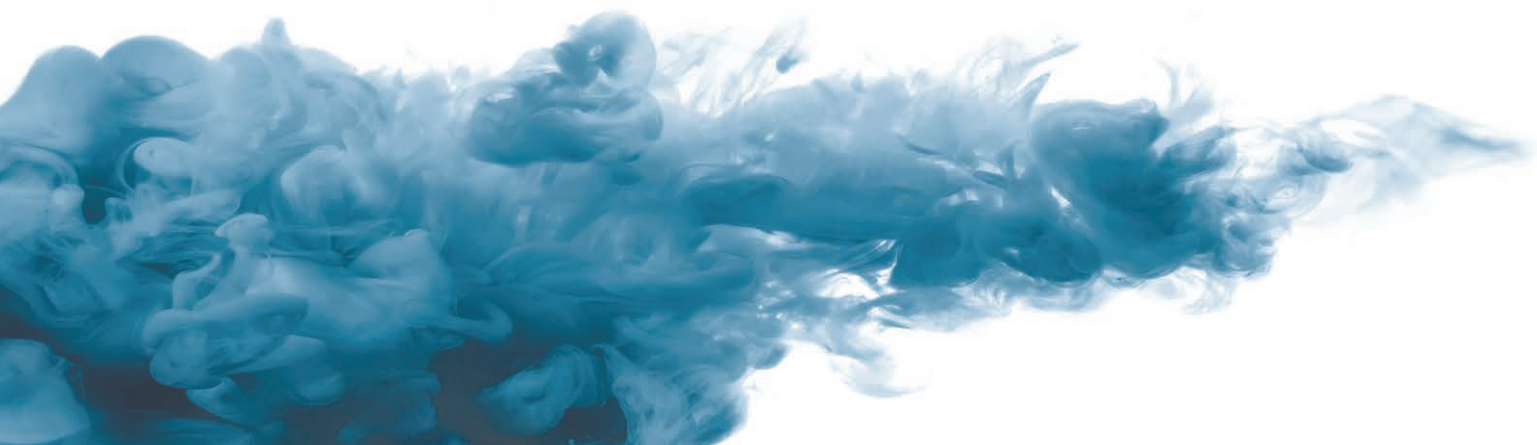
P1 Particles of inert substances e.g. smoke, mists, dusts

P2 Particles of less toxic substances

P3 Particles of toxic substances

R Particle filter reusable

D Single storage test passed



Safety with every breath.

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