

## ▶ RD40 filters

### Spasciani RD 40 filters (40mm universal thread EN 148-1)



#### Technical specifications

**Type:** Standard threaded connection (Rd 40mm x 1/7") according to EN 148-1 marked "R" for reusable

**Housing:** Polypropylene

**Filter media material:** - Particle filter: Filter paper  
 - Gas filter: activated carbon

**Weight:** between 90 g (P3) and 430 g (ABEK2-Hg-NO-CO20-P3)

**Storage:** between -20°C and +50°C with humidity < 80%

**Classification:** filter compliant with EU 2016/425 PPE

#### RD40 filter cartridges

#### Product description

Spasciani's RD DIN 40 filter cartridges combine advanced technology and filtration know-how. They are approved to the latest EN standards, marked "R" (reusable), CE and are connected by means of a standard EN148-1 40mm thread (compatible with EN136 approved full face masks and EN140 approved half masks).

Due to their universality (40mm DIN standard thread), a very wide range of filter cartridges is available, from simple P3 filters (solid particles, aerosols, viruses & bacteria) to ABEK2Hg-P3 filters (maximum chemical risk) and REACTOR filters (radioactive iodine).

#### ▶ The 3 filters categories

- Particulate filters stop a wide range of specific impurities such as: solid particles, fumes, welding fumes, aerosols, mists and micro-organisms (bacteria and viruses).
- Gas filters protect against many organic (solvents), inorganic (hydrogen sulphide, hydrogen cyanide), acid (sulphur dioxide), ammonia or mercury vapours.
- Combination filters protect against both gas/vapour contaminants and particles. With the ending "REACTOR", they protect against radioactive particles.

Note that all filtering respiratory protective equipment is only effective if the oxygen content in the air is above 19.5%.

Types of filters	Ref.	Designations
P3	124150000	Fine solid particles and aerosols, bacteria and viruses
A2	124200000	Organic gases and vapours such as solvents with boiling points above 65°C
K2	124210000	Ammonia and its derivatives
AX	124430000	Volatile organic compounds such as solvents with boiling points below 65°C
A2B2	123200000	Organic and inorganic gases and vapours
A2B2E2K2	124410000	Organic and inorganic gases and vapours, acid gases, ammonia and its derivatives
A2-P3	124420000	Organic gases and vapours such as solvents with boiling points above 65°C and particles
AX-P3	124550000	Organic gases and vapours such as solvents with boiling points below 65°C and particles
A2-P3 REACTOR *	124740000	Organic gases and vapours such as solvents, particles, radioactive iodine, viruses, bacteria
A2B2-P3	123320000	Organic and inorganic gases and vapours, particles, aerosols, bacteria and viruses
A2B2E2K2-P3 *	124530000	Organic and inorganic gases and vapours, acid gases, ammonia and its derivatives, particles and aerosols
A2B2E2K2Hg-P3 *	124540000	Organic and inorganic gases and vapours, acid gases, ammonia and its derivatives, mercury vapours, particulates
A2B2E2K1- P3 REACTOR *	124730000	Organic and inorganic gases and vapours, acid gases, ammonia and its derivatives, particulates, aerosols, radioactive iodine
ABEK2-Hg-NO-CO20-P3 *	124600000	Organic and inorganic gases and vapours, acid gases, ammonia, mercury vapours, nitrogen oxides, carbon monoxide, particulates, aerosols, viruses and bacteria

\* full face mask required

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