

Filters

WHY CHOOSE A KASCO FILTER

The KASCO branded particle and combined filters are manufactured through a unique process which combines the skillful work of **craftmanship, testing and serialization**.

Each filter is part of an implemented, completely automized process which ensures **the highest levels of filter efficiency**.

Kasco branded filters, essential for the proper functioning of our respirators, stand out for their **long life and reduced respiratory resistance**.

FEATURES


DIAMETER
110 mm diameter for an enhanced airflow.

ADJUSTABLE GRID
Adjustable grid for easy decontamination also under the shower.

THREADED CONNECTION
According to EN 148-1 specifications.













MODELS

PHOTO	CODE	DESCRIPTION	CLASSIFICTION	STANDARD	COLOR MARKING
	0601023	ZP3 FILTER	P3 R	EN 143 EN 12941 -EN 12942	
	0601019	ZA2P3 FILTER	A2P3 R	EN 14387 EN 12941 -EN 12942	
	0601025	ZA2B2P3 FILTER	A2B2P3 R	EN 14387	
	0601046	ZA2P3 FILTER	A2P3 R	EN 14387 EN 12941 -EN 12942	
	0601049	ZABEKP3 FILTER	ABE2K1P3 R	EN 14387	

PROTECTION AGAINST	WEIGHT [g]	HEIGHT [mm]	RESPIRATORY RESISTANCE at 30l/min [mbar]	RESPIRATORY RESISTANCE at 95l/min [mbar]
PARTICLES, LIQUID AND SOLID AEROSOLS	130	55	0,3	1,1
PARTICLES, LIQUID AND SOLID AEROSOLS, ORGANIC VAPOURS AND GASES	460	116	1,2	4,3
PARTICLES, LIQUID AND SOLID AEROSOLS, ORGANIC VAPOURS AND GASES, INORGANIC VAPOURS AND GASES	320	91	0,92	3,1
PARTICLES, LIQUID AND SOLID AEROSOLS, INORGANIC VAPOURS AND GASES	340	91	0,7	2,7
PARTICLES, LIQUID AND SOLID AEROSOLS, ORGANIC VAPOURS AND GASES, INORGANIC VAPOURS AND GASES, ACID VAPOURS AND GASES, SULPHUR DIOXIDE, AMMONIA AND AMMONIA BYPRODUCTS	360	91	0,8	3,1

Filter selection guide

	APPLICATION	RISK	<div>0601019<div></div></div>	<div>0601023<div></div></div>	<div>0601025<div></div></div>	<div>0601046<div></div></div>	<div>0601049<div></div></div>
 Agriculture	Cleaning stables, pens and coops. Handling and processing grains and fodder	Particles		✓			
	Mixing/spraying pesticides, fungicides and herbicides	Organic vapours, fumes and particles	✓			✓	
	Spraying and weeding using tractor/ service machine	Organic vapours and gases, particles	✓		✓		
	Spraying and weeding using knapsack sprayers	Organic vapours, fumes and particles	✓			✓	
	Pesticide treatments (vineyards, orchards, cereals,nuts, etc.)	Organic vapours, fumes and particles	✓			✓	
	Pesticide treatments in greenhouses and nurseries	Organic vapours, fumes and particles	✓			✓	
	Disinfestation	Organic vapours, fumes and particles	✓			✓	
 Asbestos removal or remediation	Removing untreated and dry asbestos cement roofing	Particles and asbestos fibers		✓			
	Asbestos management and disposal	Particles and asbestos fibers		✓			
	- Glass production - Vehicle gaskets die cutting	Particles and asbestos fibers		✓			
	- Encapsulated friable asbestos removal and/or insulation in buildings or industrial plants. - Removal of vehicle brakes.	Particles and asbestos fibers		✓			
	Removal and/or insulation of non encapsulated asbestos in buildings	Particles and asbestos fibers		✓			
 Chemical and pharmaceutical	Production and packaging of cosmetics, paint, and toxic mixtures	Gas, organic and inorganic vapours					✓
	Chemical dusts, formulations and pastes	Gas, organic and inorganic vapours, particles		✓			✓
	Biohazardous operations and infectious diseases	Particles		✓			
 Construction, building and renovation	Cutting / polishing / grinding / drilling of concrete, stone, masonry	Concrete dust and stone powder		✓			
	Plaster	Fine plaster dust		✓			
	Painting and surface coating	Solvent and resin based paints	✓			✓	
	Masonry work and renovations	Concrete dust and stone powder		✓			
	Controlled demolition	Concrete dust and stone powder		✓			
 Waste management	Refuse handling and disposal	Bacteria, spores, nuisance vapours and odors	✓			✓	
	Decontamination operations	Particles, organic and inorganic vapors and gases					✓
	Enviromental services	Particles, organic and inorganic vapors and gases					✓

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 Metal working	Cutting / grinding / drilling / sanding of metal or rust	Metallic powder		✓			
	Grinding, deburring, brushing and works with abrasives	Metallic powder, Rust powder		✓			
	Mechanical machining and scrapping	Metallic powder		✓			
 Wood working	Cutting / bending / drilling / sanding	Wood dust particles		✓			
	Adhesive removal via scraping and sanding	Fine particles		✓			
	Glueing	Solvent Mists/ Vapours	✓			✓	
 Working with fibreglass and minerals	Blending/mixing and tile laying	Glass fiber and duds resins	✓			✓	
	Spraying	Glass fiber and duds resins	✓			✓	
	Mineral mining and marble working	Particles		✓			
 Maintenance	Disinfection and cleaning	Fine paint particles	✓			✓	
	Disinfection and cleaning (agents containing acids)	Solvent acids					✓
	Disinfection and cleaning (agents containing aldehydes)	Organic and inorganic vapours, formaldehyde, dusts fumes and mists				✓	✓
 Painting and sandblasting	Powder coating and spraying	Fine paint particles		✓			
	Spray painting / coating with latex paint	Fine paint particles	✓			✓	
	Wet or dry sandblasting/blasting	Fine paint particles		✓			
	Paint removal (agents containing solvents)	Particles, organic and inorganic vapours			✓		

CLASSIFICATION

Particle Filters

Particle filters are classified according to their filtering efficiency. There are three particle filter classes: P1, P2 and P3 in ascending order depending on their filtering efficiency.

The protection provided by a class 2 or class 3 filter includes protection provided by the corresponding filter of lower class or classes.

“R” after the class means the filter is reuseable.

“NR” after the class means the filter may be used for one shift only.

Combined Filters

Combined filters are recommended when gases/vapours and particles are present simultaneously in the same environment (eg. spray painting).

Combined filters are classified according to their capacity as follows:

CLASS 1: LOW CAPACITY
CLASS 2: MEDIUM CAPACITY
CLASSE 3: HIGH CAPACITY

This filter selection guide is only an outline and should not be used as the only means for selecting filters. This guide is not exhaustive of all products suitable to any specific requirement. Choosing the most appropriate filter depends on the particular situation and the choice needs to be made by a competent person with knowledge of the actual working conditions and the limitations of each respiratory protective device.