

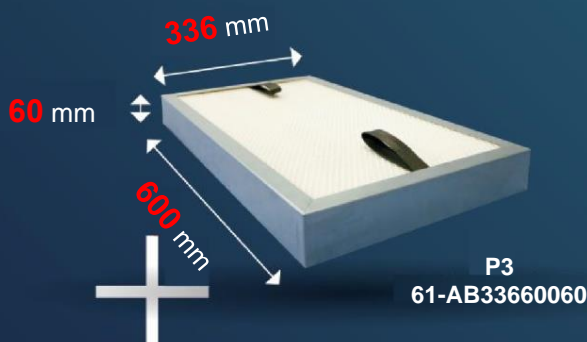
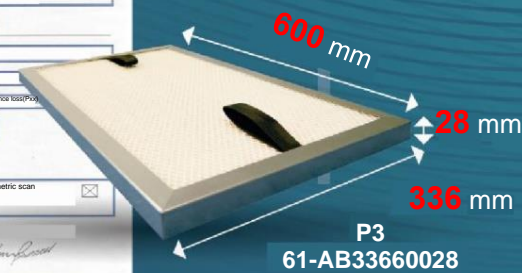
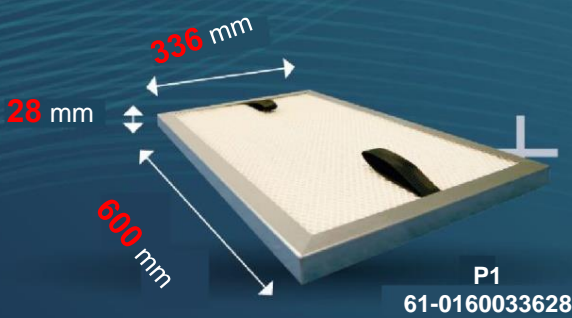
FILTERS

Our dust filters are not active chemical filters and act simply as a sieve with a filtration capacity determined by granularity. The P3 filter, used mainly on asbestos removal sites, retains more than 99% of particles in suspension (atmospheric yield) and 100% of particles not in suspension (gravimetric yield).

It is also used for additional pre-filtration of polluted atmospheres requiring the use of active carbon filters.

TYPE	DESCRIPTION	CONCENTRATION	PROTECTION	EFFICIENCY	
P1	Prefiltration	> 10 mg / m ³	Fine inert but unpleasant dust	55%	EU5
P2	Standard	>0.1 mg / m ³	Fine harmful and unpleasant dust	95%	EU9
P3	Absolute	>0.1 mg / m ³	Fine toxic, asbestos, trace chemical, bacteria, virus-infected dust	99.95% 99.995%	H13 H14

P1 or EU5 compliant with Eurovent standard. Filter manufactured in Polyester foam preheated to 400°C for better fibre cohesion. The P1 filter must retain 90% of gravimetric dust (commonly referred to as "gravity attracted" dust) which does not remain in atmospheric suspension.



P3 or H14 compliant with EN1822, fine dust glass fibre filter, the P3 filter must retain 99.995% of dust particles greater than 0.3 microns (turbidimetric or «in suspension» dust). Also known as 'Asbestos Filter'

The porous structure of active carbon particles, in conjunction with their particulate attraction capacity, captures and retains toxic substances generated in the atmosphere following chemical or organic contamination.

Filters are optimised depending on the type of contamination.

Type 'A', 'AK' or 'ABEK' ACTIVE CARBON FILTERS

A carbon filter is characterised by the gas for which it retains the highest proportion of particles; related to a minimum contact time and flow rate in the medium. The nominal height of a Brotec carbon filter is 92 mm

It is manufactured from extruded cylindrical particles of a diameter of 3 mm and retains the gas in question by adsorption or skin factor effect. Brotec filters are manufactured in France and comply with the most stringent standards issued by safety verification bodies (CRAM, CARSAT....)



- **61-2160033692**
Type A Carbon Filters, majority retention: Hydrocarbon vapours
- **AK-SPER-92**
Type AK Carbon Filters, majority retention: Ammonia
- **ABEK-SPER-92**
Type ABEK Carbon Filters, majority retention ammonia and H²S
- **61-2180033692**
Hg Type A Carbon Filters, majority retention: Mercury vapours

CONTACT



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