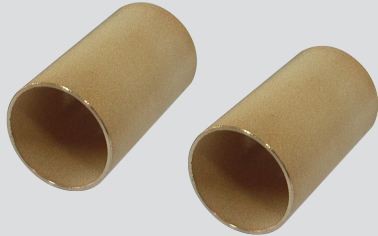


AFE series



AFE-500

Features

- Reduce exhaust noise of pneumatic equipment or solenoid valves.

How to Order

AFE - 100

①

②

① Series

AFE	Filter element
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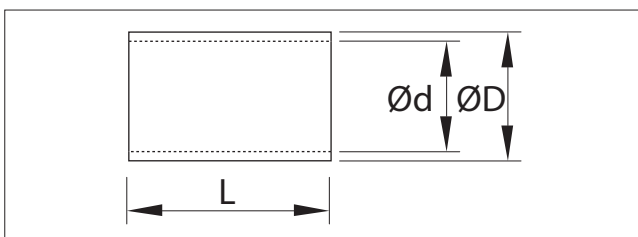
② Type

Outer dia. × Inner dia. × Length		Outer dia. × Inner dia. × Length	
100	18×15×30	500	35×31×71
200	21×18×33	5000	39×35×67
3000	23×20×33	600	44×40×80
4000	29×26×60	800	60×56×120
		900	73×67×180

Specifications

Filtration	5μ
Material	Phosphor Bronze

Dimensions



Unit:mm

Model	ØD Outer diameter (mm)	Ød Inner diameter (mm)	L
AFE-100	18	15	30
AFE-200	21	18	33
AFE-3000	23	20	33
AFE-4000	29	26	60
AFE-500	35	31	71
AFE-5000	39	35	67
AFE-600	44	40	80
AFE-800	60	56	120
AFE-900	73	67	180

Applications

• Filtration

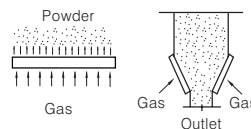
Filters are designed for removing impurities from fluids while they promote mixing of fluids.

Following is the main applications of filters:

- Remove scum from gases, vapors and oils
- Remove scale, dust and fiber scum from high-viscosity fluids, metal melt and hydraulic pipeline
- Remove impurities and other solid contaminants from drug, solvents, liquefied gas, and water

• Conveying, Coating and Drying of Powders

Upper pulverized particles are floated and conveyed using gas streams by blowing gases from the bottom of the porous filter element layer, and then, they can be dried in the same condition. The method is widely applicable to conveying, coating and drying powders.



• Regulation

Capillary tubes in the filter element keep the flow regular. Flow rates of inlet (intake) and outlet (outgoing) fluids are maintained even by inserting the sintered metal element into the tube, which is applicable to liquid as well as gas.

• Sound Absorption

Filters reduce noise by the absorption of acoustic energy in the filter element, therefore, they are used to prevent exhaust noises from air tools and air solenoid valves.

• Others

- Storage capacity
- Flow rate control
- Shock Absorption
- Air bearing
- Slurry dehydration
- Air slider (vacuum adsorption)