

Product data sheet: Z-LINE filters

Filters in paper, plastic or metal frames are used as pre-filters or main filters in filtration classes G3 to F8 in the classification according to EN 779; ISO Coarse 50% to ISO ePM_{2.5} 80% according to EN ISO 16890 classification.

A filter medium made of synthetic material according to the filtration class is inserted into the frame made of hardened paper, plastic or metal. In the case of a hardened paper frame, the inlet and outlet of the filter are provided with a reinforcing grid. The direction of air flow is indicated by an arrow on the filter frame. Filters in paper and plastic frames are manufactured in depths of 20, 25, 48 and 96 mm. The width and height of the frame is optional.

The filter medium of the required filtration class is inserted into a plastic or metal frame on a supporting corrugated grid located at the air outlet. To restore the function of the filter, it is necessary to wipe the frame and insert a new filter medium after removing the clogged filter medium. When the frames are deformed, the filters are replaced in their entirety.

In the case of metal frames, the depth of the filter can be agreed individually.

EN 779	G3	G4	M5	F7	F8
EN ISO 16890	Coarse 50%	Coarse 60%	ePM ₁₀ 60%	ePM ₁₀ 80%	ePM _{2,5} 80%
Design	paper, plastic, metal	paper, plastic, metal	paper, plastic, metal	paper, plastic, metal	paper, plastic, metal
Height (mm)	20, 25, 48, 96	20, 25, 48, 96	20, 25, 48, 96	20, 25, 48, 96	20, 25, 48, 96
Initial pressure drop (Pa)	50	60	70	80	90
Rec. end pressure loss (Pa)	250	250	250	250	250

Used filters are disposed of in incinerators or can be stored in controlled municipal landfills.

Packaging: Packed in foil and cartons; the label indicates the type of filter, or other information such as filtration class, size, air flow direction and manufacturer.

Warranty: The warranty on the filters is given for the entire life of the filter.

