

# KS Z1/2", KS Z1" and KS Z2"

## Frame filters

Filtration class according to EN 779:2012

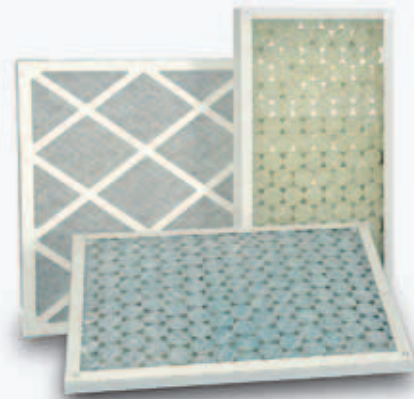
G2, G3

Delivery options

dimensions according to customer's requirements

Possibility of regeneration

no



### Filter properties

The filter elements KS-Z are made from a glass fibre, progressively thickened filter media that is mounted in a stable cardboard or plastic frame. Both sides of the medium are covered with a perforated sheet metal, cardboard or plastic grid. The filter media is impregnated with a special dust binding agent. The filter elements KS-Z have an excellent dust particles accumulating properties with very low pressure losses.

### Field of application

They are used in particular as pre-filters in airconditioning and air-handling units. They are employed in ventilation of industrial plants, social rooms, restaurants and hotels.

### Material

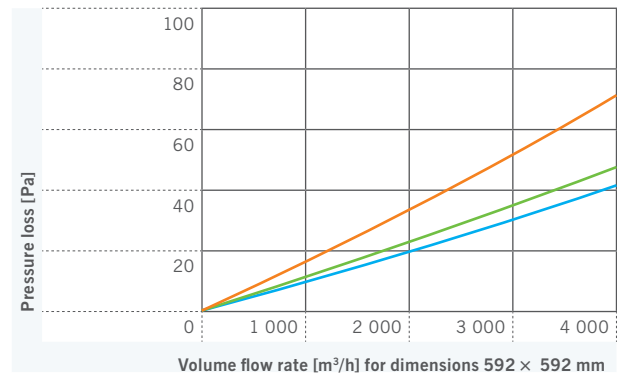
Glass fibre

### Waste disposal

Landfilling or incineration in authorised incineration plants.

### Pressure loss diagram

■ Z1/2" ■ Z1 ■ Z2



Technical data	Unit of measure	Z 1/2"	Z 1"	Z 2"
Filtration class according to EN 779:2012	–	G2	G2	G3
Mean separation ( $A_m$ ) according to EN 779:2012	%	65 – 80	65 – 80	80 – 90
Nominal air flow rate for a filter of dimensions 592 × 592 mm	m³/h	3,400	3,400	3,400
Initial pressure loss at nominal load	Pa	35	40	60
Recommended final pressure loss	Pa	140	180	180
Maximum thermal resistance	°C	80	80	80