

# KS W 50, M5; KS W 100, M5 and KS W 150, M5

## Frame filters "Z-LINE"

Filtration class according to EN 779:2012

M5

### Delivery options

standard EURO line, non-standard dimensions according to customer's requirements

### Possibility of regeneration

no



### Filter properties

Frame filters KS-W are made of folded synthetic filter media. The folded medium is mounted in a solid cardboard frame with a cardboard grid and sealed with a hot-melt system. Due to high flow rates, the filter is reinforced with a spacer pad. Possibility to manufacture with a zinccoated or plastic frame.

### Field of application

Assembly rooms, laboratories, hospitals

### Material

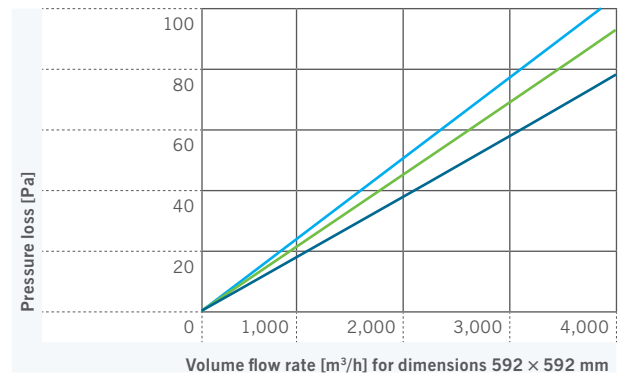
Synthetic fibre

### Waste disposal

Landfilling or incineration in authorised incineration plants.

### Pressure loss diagram

■ KS W 50/5 ■ KS W 100/5 ■ KS W 150/5



Technical data	Unit of measure	KS W 50/5	KS W 100/5	KS W 150/5
Filtration class according to EN 779:2012	–	M5	M5	M5
Mean efficiency ( $E_m$ ) for 0.4 $\mu\text{m}$ particles according to EN 779:2012	%	40 – 60	40 – 60	40 – 60
Nominal air flow rate for a filter element of dimensions 592 x 592 mm	$\text{m}^3/\text{h}$	3,400	3,400	3,400
Initial pressure loss at nominal load	Pa	90	80	75
Recommended final pressure loss	Pa	300	300	300
Maximum thermal resistance	$^{\circ}\text{C}$	70	70	70