

KS PPI 10/6 and PPI 10/10

Filter media – polyurethane

Filtration class according to EN 779:2012

G1

Delivery options

cut-to-size and sheets

Possibility of regeneration

yes



Filter properties

The medium is highly resistant to humidity and fully regenerable. The structure of the PPI is resistant to stress and facilitates exceptionally high air intake flow rates at low pressure losses. PPI media are reticulated polyester-based PU foams. The network structure is fully open and does not contain any closed cells. This is achieved during the thermal reticulation process (netting, meshing, cracking, corrugation) when all the cell membranes left after foaming break and merge with cell lamellas.

Types of PPI:

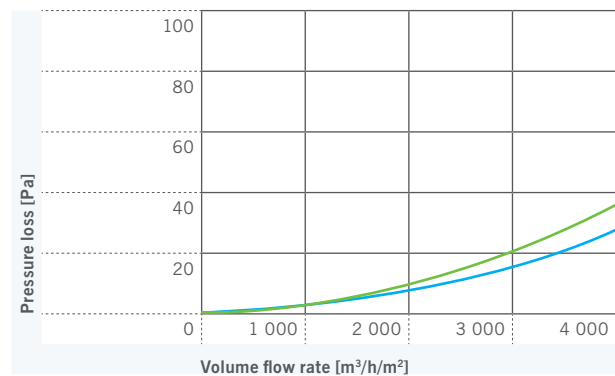
- foam of medium strength when compressed
- foam of higher strength when compressed
- foam with better fire resistance conforming to the MVSS 302 standard
- PPI 30
- PPI 45
- PPI 60 as required

Field of application

They are used as pre-filters or 1st stage filters in airconditioning and ventilation units.

Pressure loss diagram

■ PPI 10/6 ■ PPI 10/10



Material

Polyurethane

Waste disposal

Landfilling or incineration in authorised incineration plants.

Technical data	Unit of measure	PPI 10/6	PPI 10/10
Filtration class according to EN 779:2012	–	G1	G1
Mean separation (A_m) according to EN 779:2012	%	> 50	> 50
Nominal air flow rate	m ³ /h/m ²	3,400	3,400
Initial pressure loss at nominal load	Pa	20	25
Recommended final pressure loss	Pa	250	250
Maximum thermal resistance	°C	100	100