

Bag Filter – Finedust

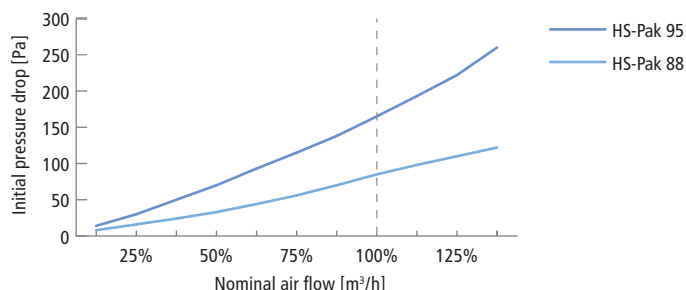


The filter medium of the fine dust pocket filters consists of fine synthetic fibers sewn into wedge-shaped pockets. The filters serve as pre-separators for subsequent filter stages or as main filters, e.g. for fine dust separation in air-conditioning systems with very high air purity, supply air for high-quality assembly rooms and switchgear, in food production, pre-filters for clean room systems in the pharmaceutical industry, aerosol separation or other process protection.

In these high-quality HS pocket filters, parallel spacer seams along the entire length of the pocket ensure uniform airflow through the filter, so that the filter pockets can be loaded with dust over their entire depth. The advanced wave-structured filter media provides high efficiency at low pressure drops. Thanks to the high efficiency, HS-Pak 88 air filters achieve the required filtration efficiency in the ePM1 range according to VDI 6022 even with reduced filter area (fewer filter pockets). The collection efficiency of the filters is constant even with fluctuating and varying air flow rates.

Type:	HS-Pak 88	HS-Pak 95			
Class EN 779	F7	F9			
Class ISO 16890	ISO ePM1 65%	ISO ePM1 80%			
Initial-ΔP [Pa] at nominal air flow	90 / 105	160 / -			
Dimension [mm]		Nominal air flow [m³/h]	# of pockets		
Width	Height	Depth 300 [mm]	Depth 500 [mm]	Depth 600 [mm]	
592	592	1570	2620	3400	8 / 6
490	592	1300	2160	2800	6 / 4
287	592	790	1210	1700	4 / 3
287	287	400	660	850	4 / 3
592	892	2360	3930	5100	8 / 6
287	892	1180	1970	2550	4 / 3

Please ask for other desired dimensions and designs.



Frame	<ul style="list-style-type: none"> polystyrene 25 [mm] (combustible) galv. steel 25 [mm] polystyrene 20 [mm] (combustible)
Operational conditions	max. rel. h. 100%, max. temp. 70°C
Filtermedia	<ul style="list-style-type: none"> synthetic filter media with inner waved structure color: pure white with class id print
Combustible	Yes (Frame: plastic)
Options	<ul style="list-style-type: none"> various sizes and shapes (e. g. slanted filter bags) foamed gasket onto front frame EX protected Ex bio-static treatment to prevent growth of microorganisms, fungi and bacteria

