

Bag Filter – Medium / Finedust



HS-Pak 55 and HS-Pak 62 are being used as high-quality pre-filter (acc. to VDI 6022) or main filter for individual air purification as well as for industrial processes. They are being produced completely from synthetic fiber fleeces, which form wedge-shaped bags. This design ensures an even airflow throughout the filter. These filters have an exceptionally high dust storage capacity.

The efficiency stays constant even with varying airflows. Also, the bags stay intrinsically stiff while being exposed to the airstream. In order to guarantee a proper stability even with over-size filters, the front framework is being reinforced by angle bars. Customers may choose from front frames made from 25 [mm] thick galvanized sheet steel or plastic as well as 20 [mm] thick aluminium profiles. The ones with plastic frames are completely incinerable, which makes disposal easier.

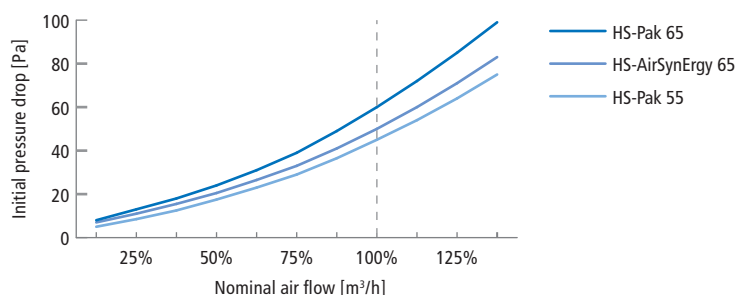


Type:	HS-Pak 55	HS-Pak 65	HS-AirSynErgy 65
Class EN 779	M5	M6	M6
Class ISO 16890	ISO ePM10 55%	ISO ePM2.5 65%	ISO ePM10 65%
Initial-ΔP [Pa] at nominal air flow	45	65	55

Performance data HS-Pak 55 (lofty media)					
Dimensions [mm]		Nominal air flow [m³/h]			# of pockets
Width	Height	Depth 200 [mm]	Depth 500 [mm]	Depth 600 [mm]	
592	592	1360	3400	4000	6
490	592	1130	2800	3300	5
287	592	680	1600	2000	3

Performance data HS-Pak 65 (meltblown) & HS-AirSynErgy 65 (waved meltblown)					
Dimensions [mm]		Nominal air flow [m³/h]			# of pockets
Width	Height	Depth 200 [mm]	Depth 500 [mm]	Depth 600 [mm]	
592	592	1570	2620	3400	8
490	592	1300	2160	2800	6
287	592	790	1310	1700	4

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"> progressive synthetic fibre microfibre meltblown (HS-Pak 65: green color)
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 high performance microfibre-pre-filter layer for increased lifetime (HS-Pak 65) bio-static treatment to prevent growth of microorganisms, fungi and bacteria