

These compact filter cells serve as pre filters for HVAC systems and Turbines offering maximum filtration abilities at minimal dimensions. Alpha Pak's greatest benefits is the compact construction with frame depths of 48 and 96 [mm], the outstanding dust holding capacity, maximized filter surface as well as hygienic design. Alpha Pak are available in two different filter classes (EN 779: G4 and F5). The frame of Alpha Pak is made of rigid extruded polystyrene profiles with edge connectors. This guarantees optimal hygienic as well as stability and also ensures easy disposal because the whole filter can be incinerated.

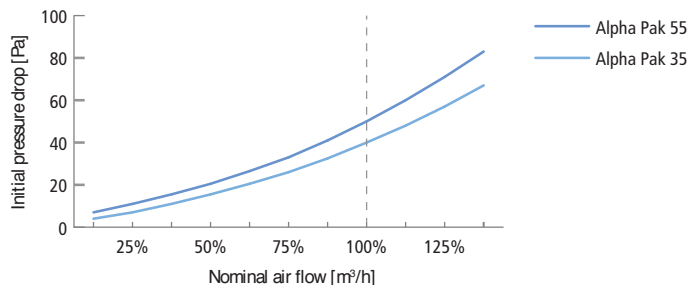
The high quality synthetic filter media offers deep-filtration effects thus achieving higher dust holding capacities than similar products from other manufacturers. It is pleated to self-supporting folds that are fixed by plastic spacers offering even more rigidity.



Type:	Alpha Pak 35	Alpha Pak 55
Class EN 779	G4	M5
Efficiency (synthetic dust)	91 %	98 %
Efficiency (atmospheric dust)	40 %	60 %
initial- ΔP [Pa]	40	50
Temp. resistance [°C]	65°	65°

Width	Dimensions [mm]		Nominal air flow [m³/h]
	Height	Depth	
245	450	48	1200
287	592	48	1750
450	550	48	2500
490	592	48	2800
550	550	48	3000
592	592	48	3500
245	450	96	1700
287	592	96	2600
450	550	96	3800
490	592	96	4500
550	550	96	4600
592	592	96	5400

Alpha Pak can be produced in nearly any dimension.
For reason of stability we recommend a maximum limit length of 1200 [mm] per single side.



Frame	extruded hollow chamber profile with rigid corner connectors, depth: 48 or 96 mm, conforms VDI 6022
Operational conditions	max. rel. h. 100 [%], max. temp. 65°C
Filtermedia	synthetic fiber composit (polypropylene)
Combustible	YES
Options	<ul style="list-style-type: none"> ▪ foamed gasket (single- & double side) ▪ special gaskets (EPDM etc.) ▪ hook-and-lop tape (to attach filters directly to rigid bag filters) ▪ protection screen (aluminium, plastic) ▪ handle