

ASCO Filtri HPF High Flow Filters REDUCE COSTS!

- Absolute rated filtration
- Smaller footprint – lower capital cost
- High flow rates
- High dirt holding capacity – up to 8 kilos for one element!
- Maintenance Friendly
- Reduced ownership costs

The Asco Filtri range of HPF high flow filters has been designed specifically with the customer in mind. Traditionally, in larger flow applications, the customer has been forced to install huge quantities of standard diameter filter elements resulting in increased capital expenditure, increased maintenance costs and higher inventory management costs.

The HPF filters provide the customer with an easy to use, compact filter system without having to compromise on the final quality of filtration. Absolute rated at $\beta 5000$ (99.98% efficiency), and with flow rates of up to 100m³/h through just one element the HPF filters are available in a range of materials and micron ratings down to 0.6 μ .

One HPF series cartridge is equivalent to:-

- 36 standard melt-blown filter cartridges
- 15 pleated filter cartridges
- 5 size two filter bags

Applications

Water treatment, Desalination, Fine Chemical, F&B,

Petrochemical, PowerGen, Paints & Resins,

Steel Mill, General Industry and many more....



ASCO Filtri S.r.l.

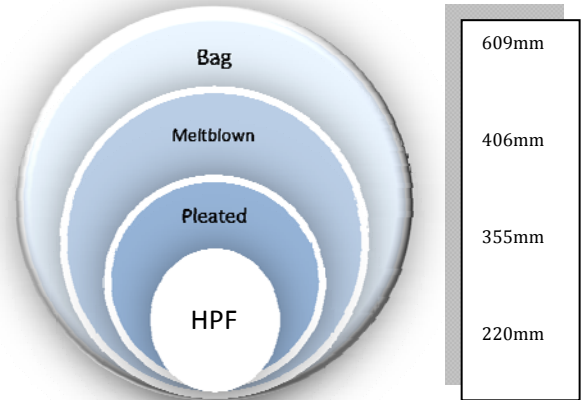
20089 ROZZANO (MI)-Italy
Via G. Brodolini, 1
Tel. (+39) 02 89703.1 - Fax (+39) 02 89703.410
e-mail: asco@ascofiltri.com
Web : www.ascofiltri.com



Filtration (µm)	Polypropylene		Fiberglass		DHC	
	40"	60"	40"	60"	40"	60"
0.6	10	15	12	17	3500	5200
1	27	41	31	47	3700	5500
3	34	68	39	78	3850	5850
5	45	80	52	90	3850	6150
10	60	90	60	95	4000	6500
25	60	90	60	100	4300	7300
>50	60	100	60	100	4950	8100

Liquid flow-rate (m³/h) – Clean Delta-P 0.1 bar – DHC (gr)

Diameter of housing required for 80m³/hr flow @ 0.1barDp



COST SAVING EXAMPLE Comparison of HPF filter system with standard pleated filter elements.

Fluid -	Water for Soft Drinks Application
Flow rate -	80m ³ /hr
Filter rating -	5µ
Filter Material -	Polypropylene
System Pressure Drop -	0.1bar

Pleated Element model: AFPP 005-40 E8

Flow rate per cartridge of 40"	5m ³ /h
80m ³ ÷ 5m ³ /h =	16 x 40" pleated filter
Cost of filter housing for above	€10000
Cost of 16 x filter elements AFPP 005-40E8	€ 1566
<u>TOTAL COST OF SYSTEM</u>	<u>€11566</u>

High Flow Filter Element: HPFP 005 640 PP-SE

Flow rate per cartridge of 60"	80m ³ /h
80m ³ ÷ 80m ³ /h =	1 x HPFP 005640 PP-SE
Cost of filter housing for above	€3500
Cost of 1 x filter element HPFP 005 640 PP-SE	€ 560
<u>TOTAL COST OF SYSTEM</u>	<u>€4060</u>

Total Cost Savings with ASCO FILTRI HPF Filters **€7506**