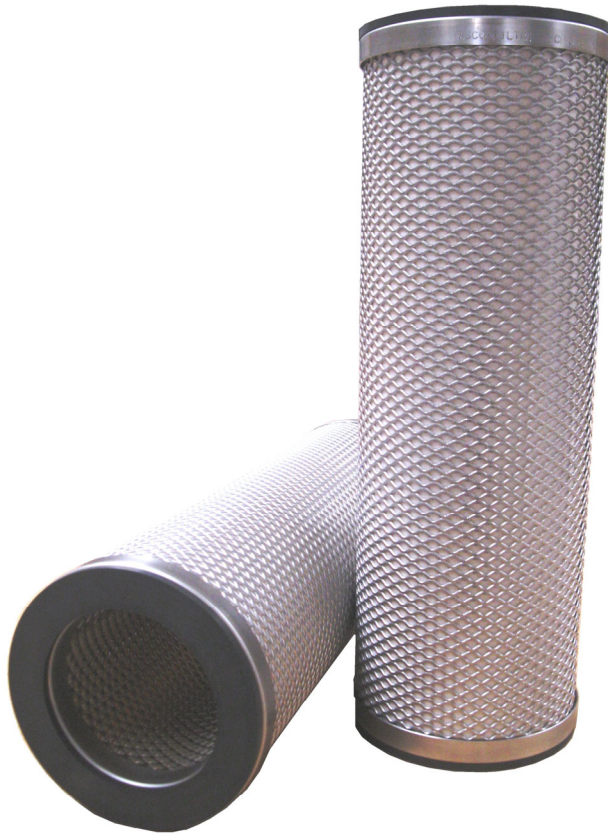


FV6 Series

FILTERING CARTRIDGES
PLEATED
DIAMETER 6"



MAIN APPLICATIONS:

- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- POWER GENERATION
- RESINS AND PAINTS
- PHARMACEUTICAL
- HYDRAULIC
- GENERAL INDUSTRIES

CHARACTERISTICS:

- Large diameter design to offer high flow-rate
- High surface area
- High flow-rate
- High dirt holding capacity
- Filtration direction from outside to inside
- Filtration direction for Pall HFG equivalent: inside - outside
- Three length available
- Available with four different filter media
- Stainless steel or finned steel hardware available
- Available Pall CoSeptraSol Plus HFG equivalent design
- Available in "heavy duty" design with inner core and external cage made by perforated spiral lockseam tube
- Wide range chemical compatibility
- Epoxy resin for end caps assembly
- Suitable for both liquid and gas filtration
- Absolute filtration rating from 0.3 to 50 μm for liquids
- Absolute filtration rating from 0.2 to 10 μm for dry gas

ASCO FILTRI

a **mott** company

FV6 Series

**FILTERING CARTRIDGES
PLEATED
DIAMETER 6"**

TECHNICAL DATA

DIFFERENTIAL PRESSURE

Cartridge replacement:

1.1 bar @ 25 °C

Max. allowable:

3.0 bar @ 25 °C

WORKING TEMPERATURE

120 °C

160 °C (HT version)

CONSTRUCTION MATERIALS

Filter media:

- Fiberglass
- Cellulose
- Cellulose + fiberglass
- Polyester

Support layers:

- Polyester / Polypropylene

Hardware:

- Tinned steel
- 304-SS
- 316-SS

Gaskets:

- Buna-n
- EPDM
- Viton
- Silicone
- PTFE

DIMENSIONS

Diameter:

FV6 OD 152 ID 89 mm
FV6L OD 152 ID 112 mm (0 or S)
OD 152 ID 100 mm (Pall HFG)

Length:

14": 356 mm
29": 737 mm
40": 1016 mm

FILTERING AREA

FV6 (0 or S) 29": 3.10 m²
40": 4.25 m²

FV6L (0 or S) 29": 1.60 m²
40": 2.20 m²

FV6L (Pall HFG) 29": 2.20 m²
40": 3.00 m²

Flow-rate / Delta-P data:

Rating (µm)	Length 29"								
	Water	Liquids						Air	DHC
	1 cP	5 cP	10 cP	20 cP	40 cP	75 cP	100 cP	0.018 cP	(kg)
0.3 / 0.45	30	23	10	4.5	2.3	1.4	1.0	250	1.0
1	30	30	25	4.5	2.3	1.4	1.0	250	1.2
5	30	30	30	28	18	10	7.2	300	1.3
10	30	30	30	28	18	10	7.2	330	1.5
≥25	30	30	30	28	27	26	21	370	1.8

Rating (µm)	Length 40"								
	Water	Liquids						Air	DHC
	1 cP	5 cP	10 cP	20 cP	40 cP	75 cP	100 cP	0.018 cP	(kg)
0.3 / 0.45	41	32	14	6.2	3.2	2.0	1.4	360	1.4
1	41	41	34	6.2	3.2	2.0	1.4	360	1.6
5	41	41	41	38	25	14	10	400	1.8
10	41	41	41	38	25	14	10	450	2.1
≥25	41	45	41	38	37	36	29	500	2.5

Liquid flow-rate (m³/h), clean delta-P 0.13 bar - Air flow-rate (Am³/h), clean delta-P 0.1 bar.

For gas different than air: DP = 0.1 x gas viscosity (cP) / 0.018 cP (air).

Flow-rate valid for clean water and air, reduce the flow-rate according to the application.

Filtration efficiency / Available filtration rating:

Fluid	Rating						
	0.3	0.45	1	5	10	25	50
Liquids	0.3 µm	0.45 µm	1 µm	5 µm	10 µm	25 µm	50 µm
Wet gas	0.3 µm	0.45 µm	1 µm	5 µm	10 µm	25 µm	50 µm
Dry gas	0.2 µm	0.3 µm	0.6 µm	1 µm	3 µm	5 µm	10 µm

Media	Rating						
	0.3	0.45	1	5	10	25	50
G / A	X	X	X	X	X	X	
C			X	X	X	X	X
M	X	X	X				
E			X	X	X	X	X

Contact us for any further information.

We reserve the right to change the data of this specification without notice.

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