

Series FV6

FILTERING CARTRIDGE
GLASS FIBER
DIAMETER 152 mm



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
- Fibreglass filter media
- Two length available
- Stainless steel or tinned steel hardware available
- Wide range chemical compatibility
- Epoxy resin for end caps assembly
- Suitable for both liquid and gas filtration
- Absolute filtration rating from 0.5 to 80 μm
- Filtration efficiency: up to 99.98% for solids $\geq 0.1 \mu\text{m}$ in gas service

MAIN APPLICATIONS:

- FINE CHEMICAL
- PETROCHEMICAL
- OIL & GAS
- POWER GENERATION
- PAINT AND RESINS
- PHARMACEUTICAL
- HYDRAULIC
- GENERAL INDUSTRY

ASCO FILTRI

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DIAMETER 152 mm

TECHNICAL DATA:

DIFFERENTIAL PRESSURE
Cartridge replacement:
1.1 bar @ 25 °C
Max. allowable:
3.0 bar @ 25 °C

MAX. WORKING TEMPERATURE
120 °C

CONSTRUCTION MATERIAL

Filter media:

- Fibre glass

Support layers:

- Polyester

Hardware:

- Tinned steel

- 304 SS

- 316 SS

Gaskets:

- Buna-n

- EPDM

- Viton

- Silicone

- PTFE

DIMENSIONS

Diameter:

OD 152 ID 80 mm

Length:

29: 737 mm

40: 1016 mm

FILTERING AREA

29: 3.10 m²

40: 4.25 m²

Flow-rate / Delta-P data:

Filtration (µm)	29"				40"			
	Water	Liquids		Air	Water	Liquids		Air
	1 cP	5 cP	10 cP	0.018 cP	1 cP	5 cP	10 cP	0.018 cP
0.45	30	25	12	220	41	34	16	300
1	35	30	17	250	48	41	24	350
5	40	30	30	300	55	41	41	400
10	40	30	30	330	55	41	41	450
≥20	40	30	30	370	55	45	45	500

Liquid flow-rate (m³/h) - 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).

Dirt Holding Capacity DHC:

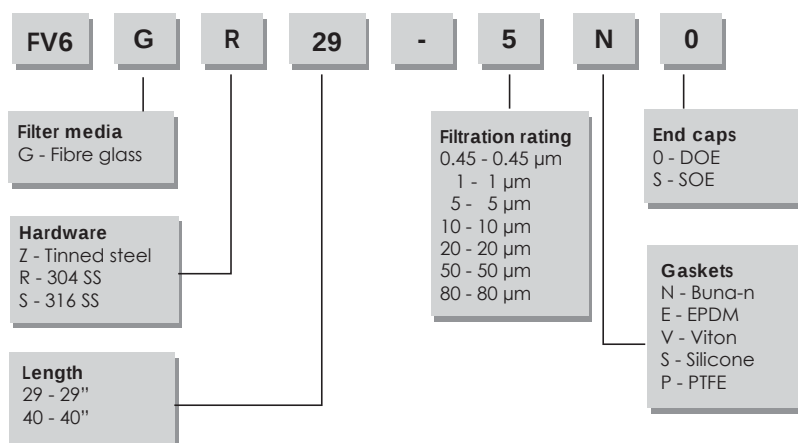
µm	H = 29"	H = 40"
0.45	1.0	1.4
1	1.2	1.6
5	1.3	1.8
10	1.5	2.1
20	1.6	2.2
50	1.8	2.5
80	2.2	3.0

DHC (kg)

Filtration efficiency:

Grade	Filtration rating (µm)				
	0.45	1	5	10	20
Liquids / Wet gas	0.45	1	5	10	20
Dry gas	0.3	0.6	1	3	5

Ordering information:



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

ASCO Filtri s.r.l.

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