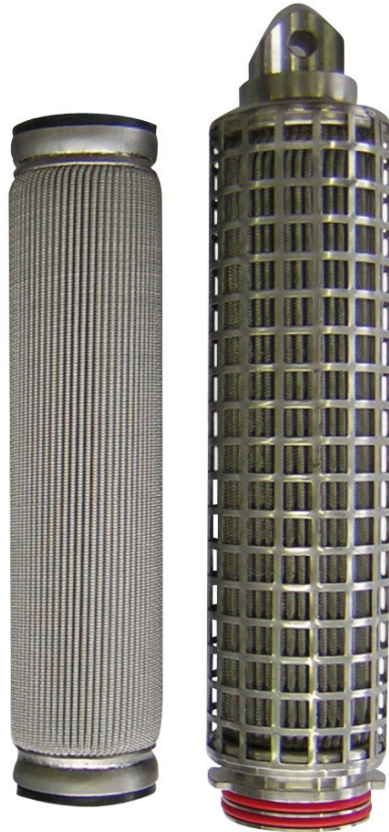


WM series

FILTERING CARTRIDGES
WIRE MESH - CLEANABLE
OD 2.3" - 2.7" (63-68 mm)



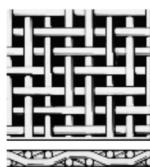
FEATURES:

- High mechanical strength
- High temperature resistance
- Excellent chemical compatibility
- Pleated or wrap-around construction
- Support drain mesh construction to prevent pleat collapse
- Cleanable
- No media migration
- Filtration direction from outside to inside
- Twelve end cap configurations available
- Two construction materials available
- Three assembly technologies available
- Suitable for both liquid and gas filtration
- 1935/2004/CE certification available upon request
- Filtration rating from 5 to 1000 μm

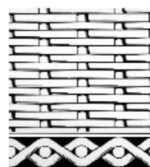
ADOPTED MESH:



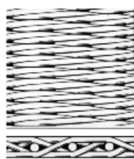
Square mesh



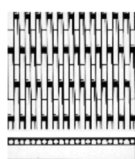
Twilled woven cloth



Reps



Touraille



Vertical Touraille



Brochure no.: 021-WM-22-UK-4

MAIN APPLICATIONS:

- DESALINATION
- WATER TREATMENT
- FINE CHEMICALS
- PETROCHEMICAL
- OIL & GAS
- FOOD & BEVERAGE
- POWER GENERATION
- PAINTS AND RESINS
- PHARMACEUTICAL
- MICROELECTRONICS
- GALVANIC
- HYDRAULIC
- STEEL MILL
- GENERAL INDUSTRY

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WM series

FILTERING CARTRIDGES
WIRE MESH - CLEANABLE
OD 2.3"-2.7" (63-68 mm)

TECHNICAL DATA

DIFFERENTIAL PRESSURE

Cartridge replacement:
2.0 bar @ 25 °C

Max. allowable:

6 bar @ 25 °C (epoxy glued)

12 bar @ 25 °C (crimped)

15 bar @ 25 °C (welded)

MAX. WORKING TEMPERATURE

120 °C (epoxy glued)

120 °C (crimped cylindrical)

300 °C (crimped pleated)

360 °C (welded)

CONSTRUCTION MATERIALS

Filter media / hardware:

- **304 SS (H, E version)**

- **316 SS (G, H, E version)**

Gaskets:

- **Buna-n max. 120 °C**

- **EPDM max. 120 °C**

- **Viton max. 230 °C**

- **Silicone max. 230 °C**

- **FEP max. 250 °C**

- **PTFE max. 250 °C**

- **KlingerSil max. 360 °C**

DIMENSIONS

External diameter:

2.4" (60 mm) Crimped

2.5" (63 mm) Epoxy glued

2.7" (68 mm) Welded

Internal diameter:

1.0" (26 mm)

1.4" (36 mm) (only cod. 9)

Length:

10", 20", 30", 40"

50", 60" (only G, H version)

FILTERING AREA

Pleated: 0.20 m² x 10"

Cylindrical: 0.05 m² x 10"

Flow-rate / Delta-P data:

Filtration (µm)	Cylindrical			Pleated		
	1 cP	25 cP	70 cP	1 cP	25 cP	70 cP
10	1.60	0.50	0.30	1.80	0.60	0.40
25	2.00	1.10	0.85	2.50	1.50	1.25
45	2.50	1.40	1.20	2.50	1.60	1.40
75	2.50	1.80	1.60	2.50	1.80	1.60
100	2.50	1.80	1.60	3.00	1.80	1.60
150	3.00	2.10	1.90	3.00	1.80	1.60
≥ 250	3.00	2.10	1.90	3.00	2.00	1.80

Air (0.018 cP)	
ID 26 mm	ID 36 mm
25	30
25	35
25	40
25	40
25	40
25	40
25	40

Liquid flow-rate (m³/h) - Air flow-rate (Am³/h) - Clean Delta-P 0.1 bar.

Flow-rate valid for 10" long cartridges, OD 60-64 mm. For different diameter contact Asco Filtri.

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.

Availability:

	WMGP	WMHP	WMEP	WMGC	WMEC
304-SS		X	X	X	X
316-SS	X	X	X	X	X
Food grade	X	X			
External spring	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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