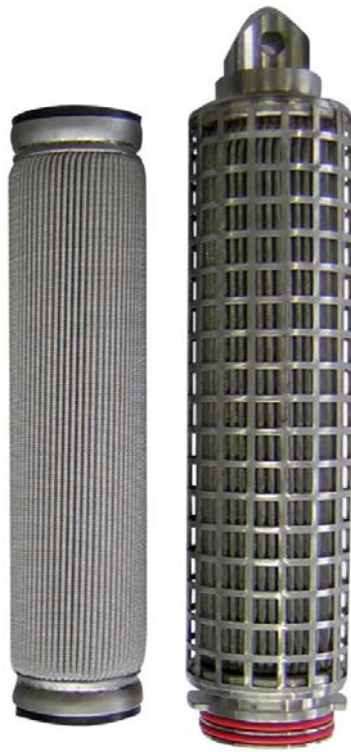


Series WM

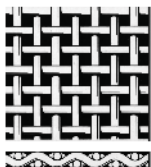
**FILTERING CARTRIDGES
WIRE MESH - CLEANABLE
OD 2.3"-2.7" (63-68 mm)**



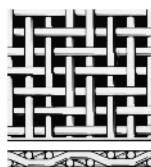
CHARACTERISTICS:

- 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
- Filtration rating from 5 to 1000 µm

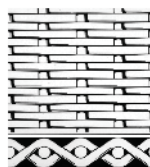
ADOPTED MESH:



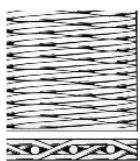
Square mesh



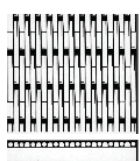
Twilled woven cloth



Reps



Touraille



Vertical Touraille

MAIN APPLICATIONS:

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

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Series WM

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:

6.0 bar @ 25 °C (epoxy glued)

8.0 bar @ 25 °C (crimped)

15 bar @ 25 °C (welded)

MAX. WORKING TEMPERATURE

- 120 °C (epoxy glued)

- 300 °C (crimped)

- 360 °C (welded)

CONSTRUCTION MATERIALS

Filter media / hardware:

- 304 SS

- 316 SS

Gaskets:

- Buna-n

- EPDM

- Viton

- Silicone

- FEP

- PTFE (only DOE)

- KlingerSil (only DOE)

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"

FILTERING AREA

Pleated: 0.20 m² x 10"

Cylindrical: 0.05 m² x 10"

Flow-rate / Delta-P data:

Filtration (µm)	Cylindrical			Pleated			Air 0.018 cP
	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	90
25	2.00	1.10	0.85	2.50	1.50	1.25	130
45	2.50	1.40	1.20	2.50	1.60	1.40	160
75	2.50	1.80	1.60	2.50	1.80	1.60	160
100	2.50	1.80	1.60	3.00	1.80	1.60	180
150	3.00	2.10	1.90	3.00	1.80	1.60	200
≥ 250	3.00	2.10	1.90	3.00	2.00	1.80	200

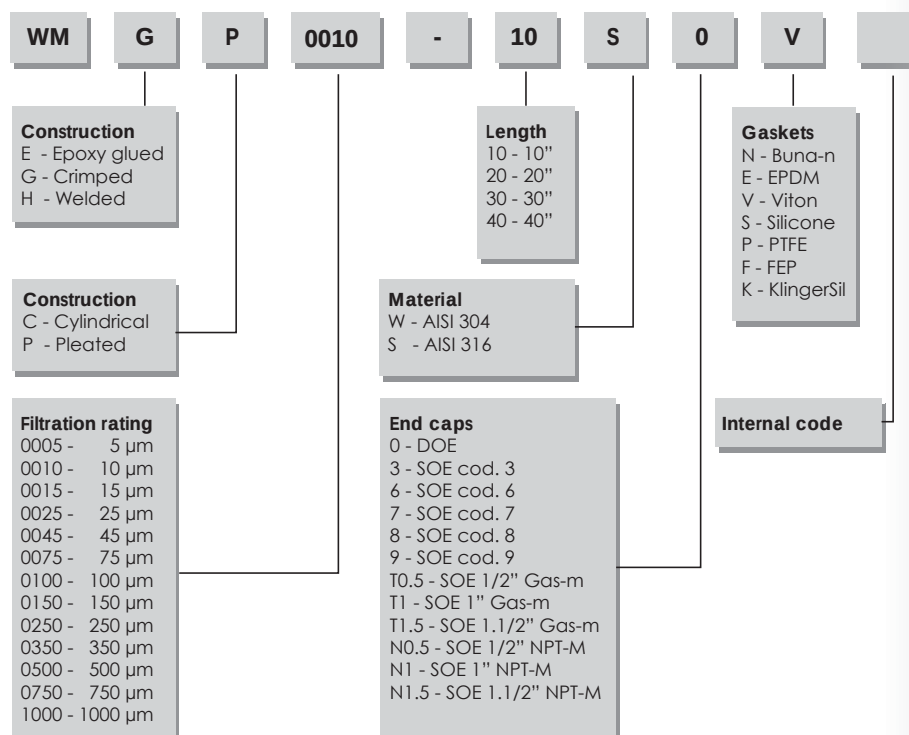
Liquid flow-rate (m³/h) - Air flow-rate (Nm³/h @ 7 barg) - Clean Delta-P 0.1 bar
 For gas different than air: DP = 0.1 x gas viscosity (cP) / 0.018 cP (air).

Gaskets temperature limitation:

EPDM	120 °C	Viton	230 °C	PTFE	250 °C	FEP	250 °C
Buna-n	120 °C	Silicone	230 °C	KlingerSil	360 °C		

Working temperature is limited from installed gaskets.

Ordering information:



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

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