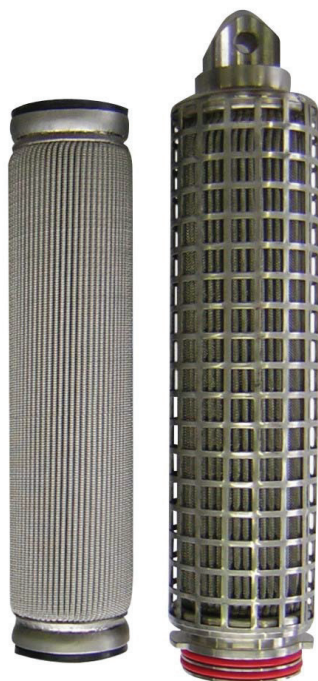


# Hall Pyke

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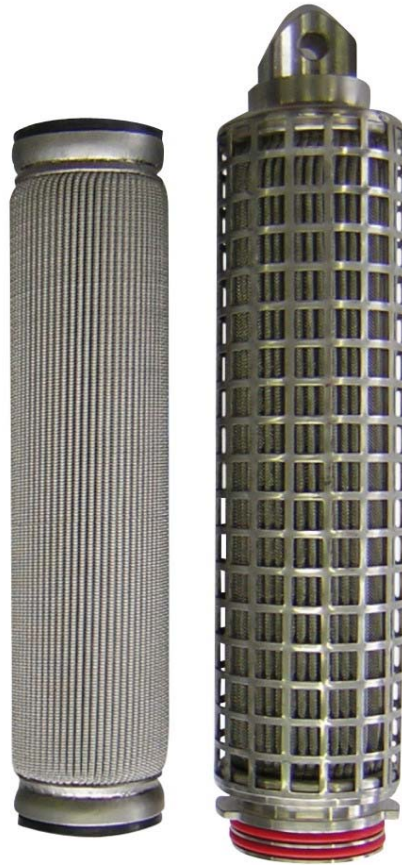
**Stainless Steel Filters**

**WM series**

**The SMART choice for filtration**

# WM series

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



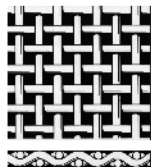
## MAIN APPLICATIONS:

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

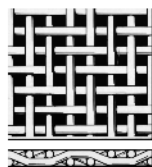
## CHARACTERISTICS:

- 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
- 1935/2004/CE certification available upon request
- Filtration rating from 5 to 1000  $\mu\text{m}$

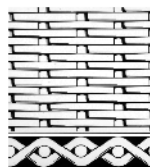
## ADOPTED MESH:



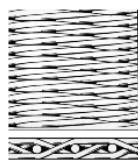
Square mesh



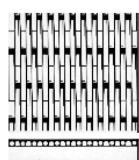
Twilled woven cloth



Reps



Touraille



Vertical Touraille



# 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:**

**6.0 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 (H, E version)**

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

**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 m<sup>2</sup> x 10"**

**Cylindrical: 0.05 m<sup>2</sup> x 10"**

### Flow-rate / Delta-P data:

Filtration (µm)	Cylindrical			Pleated			Air
	1 cP	25 cP	70 cP	1 cP	25 cP	70 cP	0.018 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 (m<sup>3</sup>/h) - Air flow-rate (Nm<sup>3</sup>/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).

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

### Gaskets temperature limitation:

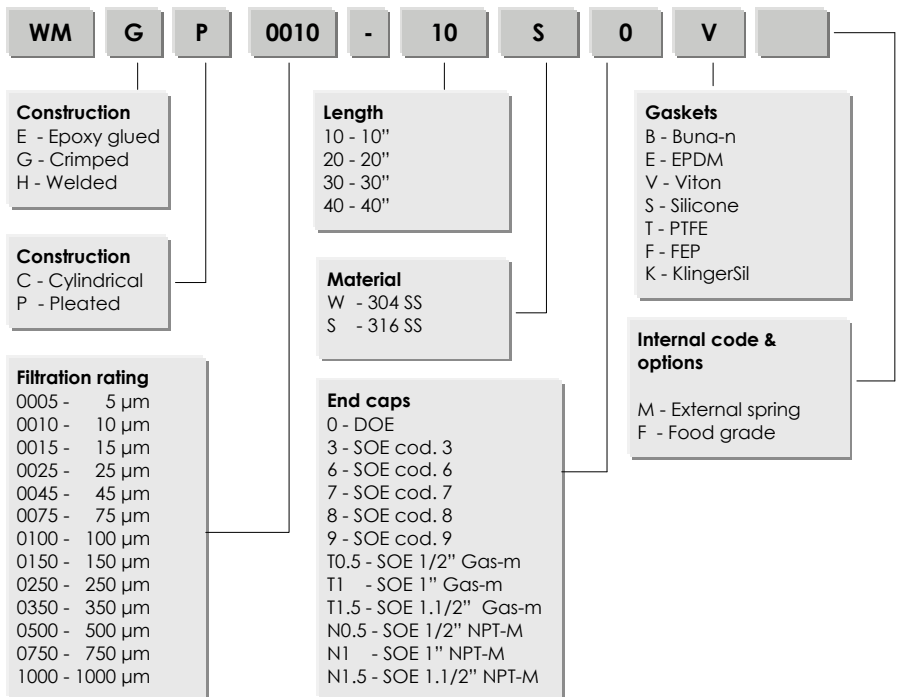
EPDM	120 °C	Viton	230 °C	PTFE	250 °C	FEP	250 °C
Buna-n	120 °C	Silicone	230 °C	KlingerSil	360 °C		

Working temperature is limited from installed gaskets.

### Features:

	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			

### Ordering information:



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

# Hall Pyke



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