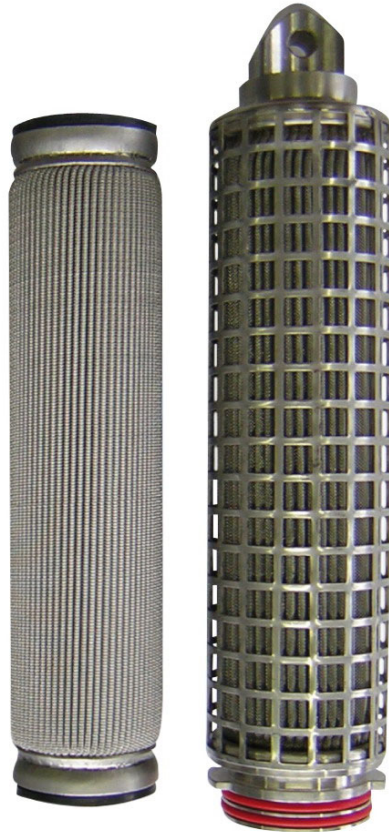


# WM series

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



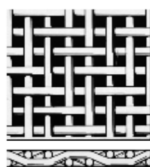
## FEATURES:

- 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  $\mu\text{m}$

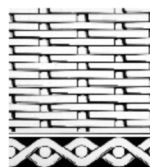
## ADOPTED MESH:



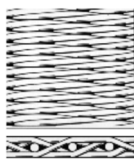
Square mesh



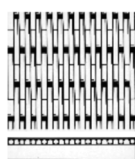
Twilled woven cloth



Repps



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

# ASCO FILTRI

a **mott** company

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

**Cylindrical: 0.05 m<sup>2</sup> 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 (m<sup>3</sup>/h) - Air flow-rate (Am<sup>3</sup>/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			

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

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