

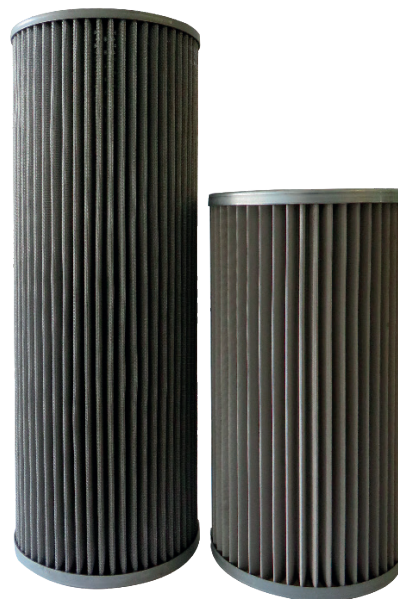
MESH-WIRE MICROMETAL CARTRIDGES - MW

SPECIFICATIONS

- Constructed using AISI 304 or 316 wire cloth
- Fully electro-welded inner tube
- Degree of filtration from 5 to 1000 microns
- Length from 4" to 40" nominal
- Flow direction: Ext. → Int.
- **Special designs on request**

APPLICATIONS

- Potable and process water
- Hydraulic and lubrication fluids
- Oils for food and industrial use
- Chemicals
- Air and technical gases



Max. operating conditions

- Max differential pressure < 8 bar
- ΔP Pressure drop for replacement 1.5 bar

- Max. operating temperature*:
 - 160°C: with epoxy resin
 - 360°C: TIG-welding
 - 190°C: brazed

*Compatible with maximum gasket temperatures

COMPOSITION CODE	MW	A	CP	5	G	M1	100	1	S1	N
	Mod	Ø Out/In mm	Type	Micron	Sealant Type	Filter Media Material	Height mm	End cap	End Materials	Gaskets
				5			100 mm			
				10			125 mm			
				15			250 mm	0 = DOE		0 = None
	A = 68/26			50	E =		350 mm	1 = DOE with gasket		N = Nbr
	B = 70/40			60	Epoxy adhesive		500 mm	2 = SOE	S1 = AISI 304	E = Epdm
	C = 95/52		CL Cylindrical	75		M1 = AISI 304	700 mm	2A = SOE with gasket	S2 = AISI 316	S = Silicone
	D = 120/80		CP Pleated	100	*S = TIG-Welding	M2 = AISI 316	750 mm	2A = SOE with fastening bore		V = Viton
	E = 170/110			150	K = Brazed		915 mm			T = Ptfе
	F = 210/155			200			1000 mm			G = Graphite
	G = 300/250			250			Other heights available on request			
				300						
				400						
				500						
				750						
				1000						
				Other filtrations available on request						

*S: Only for dimensions A-B-C-D

Dimensions mm	Length mm	Type CL ⁺ - CP	Filtration μm	Water flow rate m^3/h **	Air flow rate m^3/h ***	Filtering surface area m^2
A= 68 x 26	100 / 125	CP	10	1.5	130	0.10
A= 68 x 26	250	CP	10	2.5	170	0.20
A= 68 x 26	250	CP	25	2.8	200	0.20
A= 68 x 26	250	CP	50	3	220	0.20
A= 68 x 26	250	CP	>200	3.5	220	0.20
B= 70 x 40	250	CP	10	2.5	330	0.22
A= 70 x 40	250	CP	25	3	380	0.22
C= 95 x 52	350	CP	10	8.5	750	0.3
C= 95 x 52	350	CP	25	10	900	0.3
C= 95 x 52	1000	CP	10	11	950	0.85
C= 95 x 52	1000	CP	25	13	1100	0.85
D= 120 x 80	350	CP	10	15	1400	0.4
D= 120 x 80	350	CP	25	18	1600	0.4
D= 120 x 80	700-1000	CP	10	20	2000	0.8-1.15
D= 120 x 80	700-1000	CP	25	23	2300	0.8-1.15
E= 170 x 110	500	CP	25	40	4000	1.15
E= 170 x 110	915	CP	25	52	4800	2.05
F= 210 x 155	500	CP	10	75	6800	1.45
F= 210 x 155	500	CP	25	90	8000	1.45
F= 210 x 155	915	CP	10	25	8500	2.65
F= 210 x 155	915	CP	25	100	10000	2.65
G= 300 x 250	915	CP	10	170	20500	3.6
G= 300 x 250	915	CP	25	210	24000	3.6

* For cylindrical version (CL) multiply flow rates x (0.9)

** Liquid flow rate refers to Viscosity 1 cP - 20°C and Δp 0.1 bar

*** Air flow rate refers to 7 bar Viscosity 0.018 cP and Δp 0.07 bar

Correction factor when operating pressure varies																
Operating pressure (bar)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factor	0.38	0.53	0.65	0.75	0.80	0.90	1.00	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50

Air flow values refer to 7 bar;
for differing pressures multiply flow rates by the correction factor