








ABSMET MF™

Metal Fiber Filters



INDUSTRIES & APPLICATIONS

-  High temperature process
-  High viscosity fluids
-  Corrosion fluids both liquid and gas
-  Chemicals
-  Polymer filtration
-  Paints
-  Oils

ABSMET MF™ is a metal fiber filter designed for both liquid and gas filtration including solvents, chemicals, polymers, oils and gases.

ABSMET MF™ filter is made of sintered metal fiber felts. It consists of super fine metal fibers and both sides are protected with support mesh to protect main filter media from any damages. The construction provides stable and reliable filtration performance with greater strength in a wide range of operating conditions.

FEATURES & BENEFITS

- All stainless-steel construction and fully welded construction provide excellent mechanical strength, minimized extractable and corrosion resistant
- Thin metal fibers provide greater particle removal efficiency with high capacity
- Available in customized designs and dimensions
- Pleated cartridge design provides high flow rate with high capacity
- Consistent and reliable filtration performance
- Repeatedly cleanable
- High temperature resistance up to 360°C
- Corrosion resistant
- Available in a wide range of end styles and micron ratings

TECHNICAL DATA

Nominal Dimensions

· Length	250, 500, 750, 1000 mm
· Inner Diameter	28 mm
· Outer Diameter	66 mm

Materials of Construction

· Filtration Media	STS304 STS316 STS316L
· Support Media	STS304 STS316 STS316L
· Inner Core	STS304 STS316 STS316L
· Outer Cover	STS304 STS316 STS316L
· End Caps	STS304 STS316 STS316L
· Gaskets	Silicone EPDM Viton PTFE

Max. Operating Temperature

360°C (680°F)

Max. Operating Forward Differential Pressure

15 bard (217.5 psid) at 20 °C
8 bard (116 psid) at 230 °C

Nominal Micron Rating

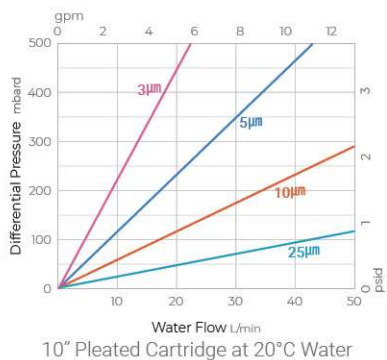
3, 5, 10, 25 µm

Filtration Area

- Tube : 0.05 m² / 10 inch
- Pleated : 0.21 m² / 10 inch

TYPICAL CLEAN WATER FLOW

CARTRIDGE



ORDERING INFORMATION

①	②	③	④	⑤	⑥	⑦
MMF	005	C1	P	S	1	10
	MICRON RATING	END STYLE	TYPES	SEALS	ID/OD	LENGTH
	003 : 3µm	C1 : DOE	P : Pleated	S : Silicone	1 : Ø28/Ø66	10 : 10"
	005 : 5µm	C2 : 226Lock/FLAT	T : Tube	E : EPDM		20 : 20"
	010 : 10µm	C3 : 222/FLAT		V : Viton		30 : 30"
	025 : 25µm	C7 : 226Lock/FIN		F : PTFE		40 : 40"
		E8 : 222/FIN				

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