








# ABSMET MS™

Sintered Metal Wire Mesh Filters



## INDUSTRIES & APPLICATIONS

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

ABSMET MS™ is a sintered metal wire mesh filter designed for both liquid and gas filtration including solvents, chemicals, polymers, oils and gases.

ABSMET MS™ filter is made up of sintered stainless-steel wire meshes 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
- Uniform pore size distribution
- 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

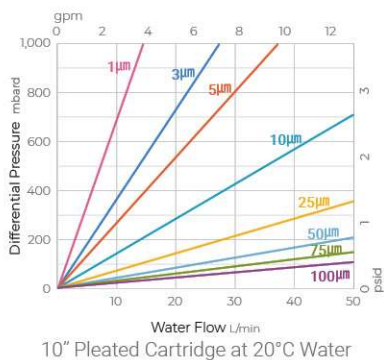
1, 3, 5, 10, 25, 50, 75, 100 µm

### Filtration Area

· Tube : 0.05 m<sup>2</sup> / 10 inch  
· Pleated : 0.21 m<sup>2</sup> / 10 inch

**TYPICAL CLEAN WATER FLOW**

**CARTRIDGE**



**ORDERING INFORMATION**

①	②	③	④	⑤	⑥	⑦
MMS	050	C1	P	S	1	10
	MICRON RATING	END STYLE	TYPES	SEALS	ID/OD	LENGTH
	001 : 1µm	C1 : DOE	P : Pleated	S : Silicone	1 : Ø28/Ø66	10 : 10"
	003 : 3µm	C2 : 226Lock/FLAT	T : Tube	E : EPDM		20 : 20"
	005 : 5µm	C3 : 222/FLAT		V : Viton		30 : 30"
	010 : 10µm	C7 : 226Lock/FIN		F : PTFE		40 : 40"
	025 : 25µm	E8 : 222/FIN				
	050 : 50µm					
	075 : 75µm					
	100 : 100µm					

**ABSFIL**