

MF Series

Multi-Capsule Filters (Disposable Capsule Type)



The MF Series multi-capsule filters integrate cartridges within a sealed capsule, eliminating the need for separate housings. Easy to replace and contamination-free, they ensure a clean and efficient filtration process. Perfect for compact systems, laboratories, semiconductor, and pharmaceutical applications where space efficiency and cleanliness are essential.

Specifications

Construction Materials

Construction Materials	Polypropylene
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Dimensions

Length	10, 20, 30 inch
Outer Diameter	220 mm
Connection (In/Out)	32 mm
Filter Capacity	1, 4, 7 pcs

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out ΔP	Max. 2.0 bar at 20 °C
Temperature	Max. 80 °C

Features and Benefits

- Integrated design with built-in cartridge filters
- No need for separate housing assembly
- Easy replacement and contamination-free design
- Compact size for efficient installation
- Ideal for cleanroom and single-use applications

Applications

- Semiconductor
- Pharmaceutical
- Laboratory
- DI water systems
- Food & beverage
- Precision chemical
- Pilot systems
- Compact filtration lines

Ordering Information

MF	FILTERS	FILTER CAPACITY	MICRON	MEDIA	LENGTH
	W : Wound Filters	01 : 1pcs	001 : 1 μ m	P1 : Polypropylene	K10 : 250 mm
	M : Meltblown Filters	04 : 4pcs	005 : 5 μ m	P3 : Fibrillated PP	K20 : 500 mm
	N : Nonwoven Filters	07 : 7pcs	010 : 10 μ m	C4 : Nature Cotton	K30 : 750 mm
	B : Bi-co Filters		025 : 25 μ m	C5 : Bleached Cotton	
	P : Pleated Filters		050 : 50 μ m	B1 : Polyolefin	
			075 : 75 μ m		
			100 : 100 μ m		