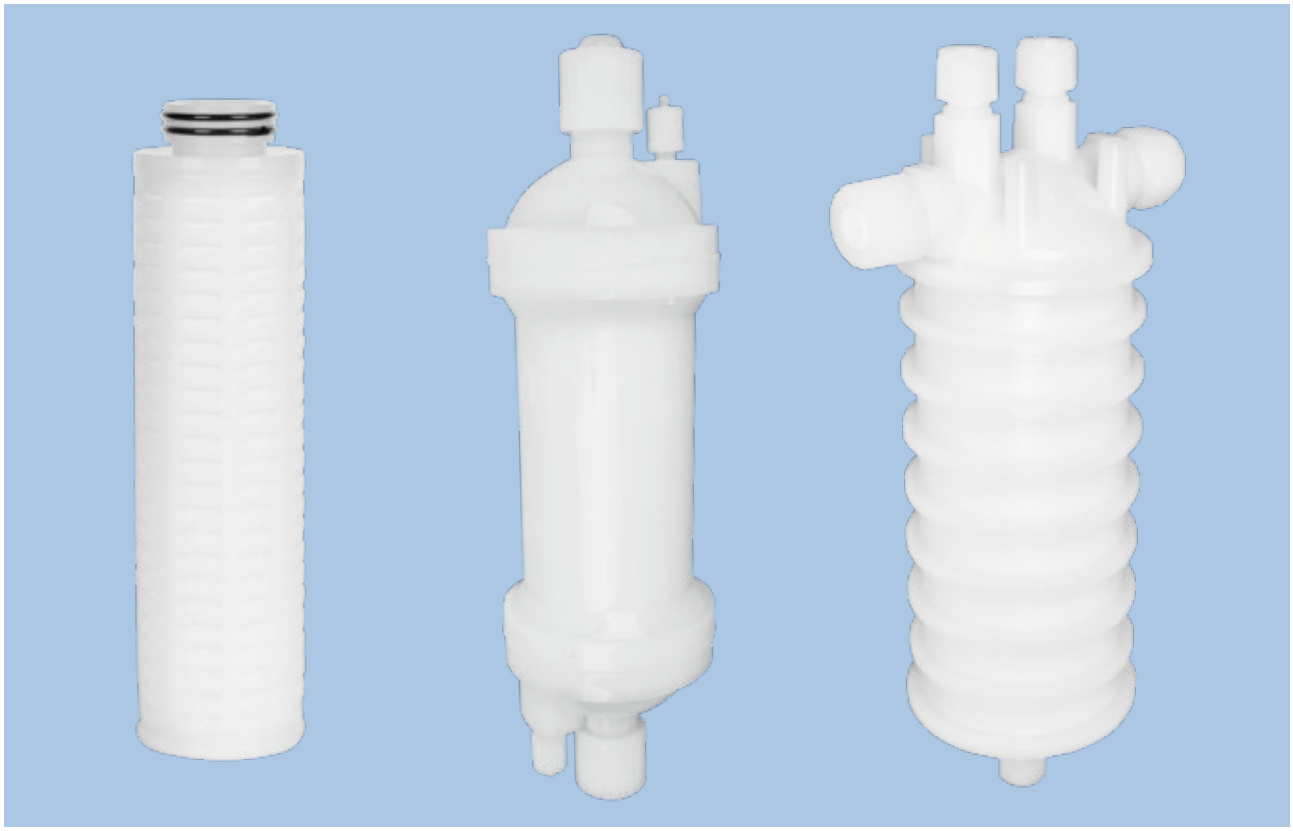
WET-FLUORIDE ALL-PTFE CHEMICAL FILTER

Membrane Solutions Wet-Fluoride series filters are All-PTFE structure. The filters use high flow rate PTFE membranes. This kind of filters is especially designed for chemicals including SC1, SC2, 49HF, HNO3, EKC and NMP in SEMI-WEC application.



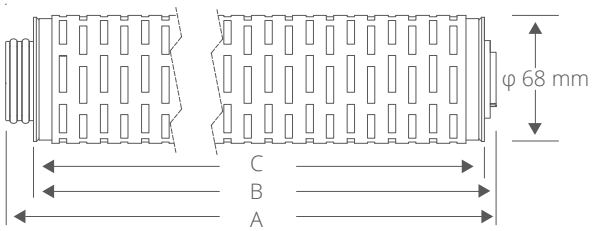
Excellent filter design could ensure low pressure drop across the filter and good particle removal performance. The fluoropolymer material possesses low concentration of extractables and other contaminants that may be deterimental to the proceess, and provides high retention performance in the application at the same time.

- Excellent flow performance and longer lifetime
- Excellent chemical and temperature resistance
- All fluoropolymer construction and very low extractables
- Pre-wet option for convenience
- 100% Integrity tested

SPECIFICATIONS

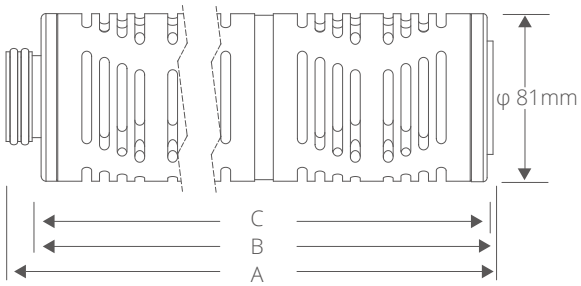
Materials	Membrane	PTFE
	Support, Core and Cage	PFA
	Cartridge O-ring	TEV/FFKM
	Disposable Shell	PFA
Removal Rating	10nm, 20nm, 30nm, 50nm, 0.1μm, 0.2μm	
Membrane Area	SX (φ68mm)	1.2 m^2/10″
	MX (φ81mm)	1.8 m^2/10″
	MY (φ81mm)	2.2 m^2/10″
	MZ (φ81mm)	2.8 m^2/10″
Max. Operating Conditions	Max. Forward Differential Pressure	0.5 MPa (72 psi) @ 25 °C (77 °F) 0.2 MPa (29 psi) @ 100 °C (212 °F)
	Max. Reverse Differential Pressu	0.35 MPa (50 psi) @ 25 °C (77 °F)
	Max. Operating Temperature	Cartridge 100 °C (212 °F) ; Disposable 180 °C (356 °F)
Package	Dry; Prewet by UPW	

DIMENSIONS



Wet-Fluoride φ68mm Cartridge (SX)

Nominal Size	A	B	C
4″	122.0±2mm	108.0±2mm	98.5±2mm
10″	263.0±2mm	249.0±2mm	239.5±2mm
20″	511.0±2mm	497.0±2mm	487.5±2mm

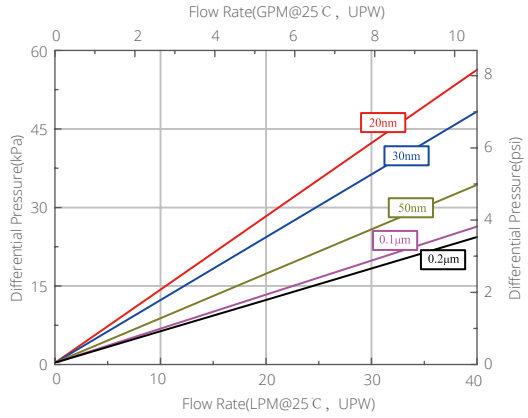


Wet-Fluoride φ81mm Cartridge (MX, MY, MZ)

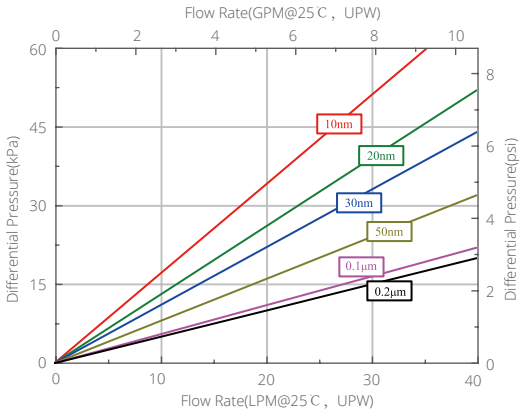
Nominal Size	A	B	C
4″	125.0±2mm	107.0±2mm	105.0±2mm
10″	245.0±2mm	227.0±2mm	225.0±2mm
20″	471.0±2mm	453.0±2mm	451.0±2mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

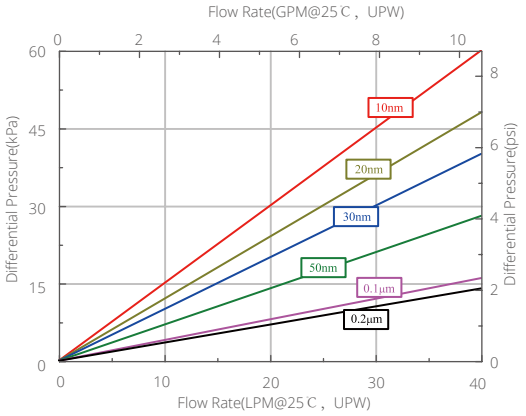
Wet- Fluoride SX 10" Cartridge Filter



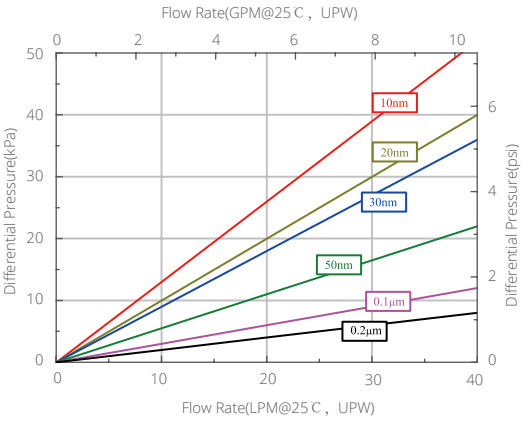
Wet- Fluoride MX 10" Cartridge Filter



Wet- Fluoride MY 10" Cartridge Filter



Wet- Fluoride MZ 10" Cartridge Filter



ORDERING INFORMATION

WFC

Removal Ratings
E (10nm) G (50nm)
A (20nm) B (0.1μm)
C (30nm) J (0.2μm)

Diameter
SX (φ68mm, 0.9m²) MY (φ81mm, 2.2m²)
MX (φ81mm, 1.8m²) MZ (φ81mm, 2.8m²)

End Cap
N (222 Plat)
K (222 Plat with Lock-key)

Length
04 (4″)
10 (10″)
20 (20″)

O-ring
T (TEV)
K (FFKM)

Metal Cleanliness
U (<3ug/device) R (<25ug/device)
Q (<10ug/device) E (Electronic)

Package
D (Dry)
W (UPW Prewet)