CLEAN-GARD PES CHEMICAL FILTER

Membrane Solutions Clean-Gard series filters are used for dilute acids and bases and other process chemicals as a cost-effective alternative for wet etch and clean applications.

The PES membrane provides significant characteristics including high flow rates, high dirt holding capacity and longer filter lifetime. In addition, the membrane structure reduces bubbles formation during flow.

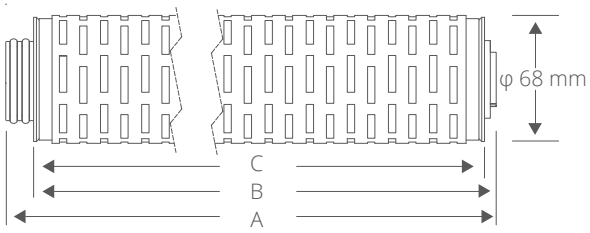


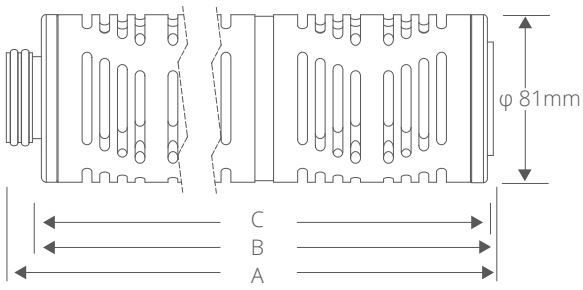
- Very high flow rates and longer lifetime
- Low extractables
- Reduces equipment pre-operation time
- Manufactured in cleanroom
- 100% Integrity tested

SPECIFICATIONS

Materials	Membrane	PES
	Support, Core and Cage	PP
	O-ring (222)	EPDM/TEV
Removal Rating	10nm, 20nm, 30nm, 50nm, 0.1μm	
Membrane Area	SX (φ68mm)	0.8 m^2/10″
	MX (φ81mm)	1.2 m^2/10″
	MY (φ81mm)	1.8 m^2/10″
Max. Operating Conditions	Max. Forward Differential Pressure	0.5 MPa (72 psi) @ 25 °C (77 °F) 0.25 MPa (36 psi) @ 70 °C (158 °F)
	Max. Reverse Differential Pressure	0.3 MPa (43 psi) @ 25 °C (77 °F)
	Max. Operating Temperature	70 °C (158 °F)
Package	Dry; Prewet by UPW	

DIMENSIONS





Wet-Fluoride φ68mm Cartridge (SX)

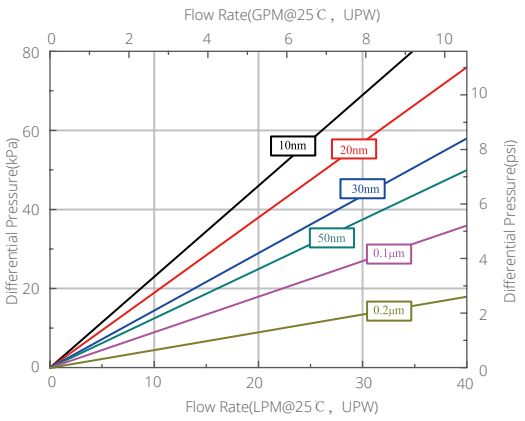
Nominal Size	A	B	C
4″	131.5±2mm	117.0±2mm	115.0±2mm
10″	249.5±2mm	235.0±2mm	233.0±2mm
20″	488.5±2mm	474.0±2mm	432.0±2mm

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

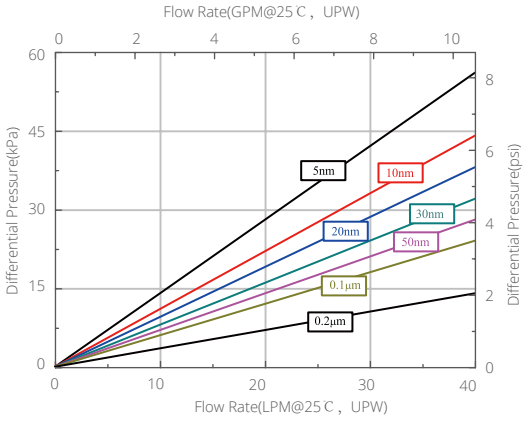
Nominal Size	A	B	C
4″	118.0±2mm	103.0±2mm	101.0±2mm
10″	238.0±2mm	223.0±2mm	221.0±2mm
20″	460.0±2mm	445.0±2mm	443.0±2mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

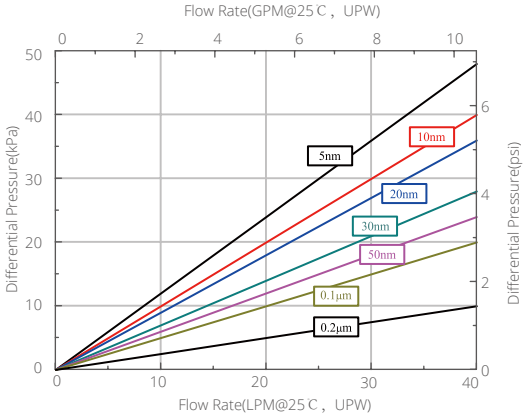
Clean-Gard SX 10" Cartridge Filter



Clean-Gard MX 10" Cartridge Filter



Clean-Gard MY 10" Cartridge Filter



ORDERING INFORMATION

