CLEAN-NOVA PES CHEMICAL FILTER

Membrane Solutions Clean-Nova series filters are high flow rate, longer lifetime product which especially designed for filtration of weak acids, bases and ultra-pure DI water for the electronics industry.

When operated at ambient temperature, the PES filter is compatible with a wide range of wet etch & clean solutions.

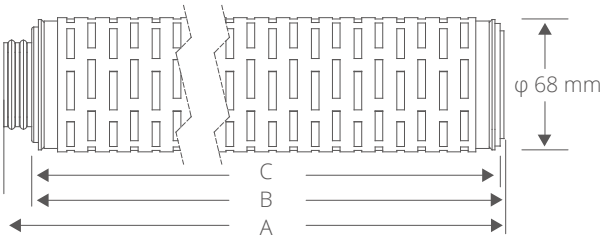
- Excellent flow performance and longer lifetime
- Reduce equipment pre-operation time
- Excellent retention rate performance
- Very low metal extractables
- 100% Integrity tested



SPECIFICATIONS

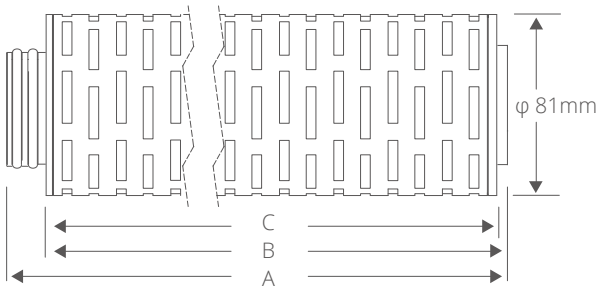
Materials	Membrane		PES
	Support, Core and Cage		HDPE
	O-ring (222)	Cartridge	EPDM/TEV
	Shell	Disposable	PFA
Removal Rating	5nm, 10nm, 20nm, 30nm, 50nm, 0.1μm		
Membrane Area	SX (φ68mm)	0.8 m^2/10"	
	MX (φ81mm)	1.2 m^2/10"	
	MY (φ81mm)	1.8 m^2/10"	
Max. Operating Conditions	Max. Forward Differential Pressure	0.34 MPa (49 psi) @ 25 °C (77 °F) 0.3 MPa (43 psi) @ 40 °C (104 °F)	
	Max. Reverse Differential Pressure	0.3 MPa (43 psi) @ 25 °C (77 °F)	
	Max. Operating Temperature	40 °C (104 °F)	
Package	Dry; Prewet by UPW		

DIMENSIONS



Clean-Nova 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

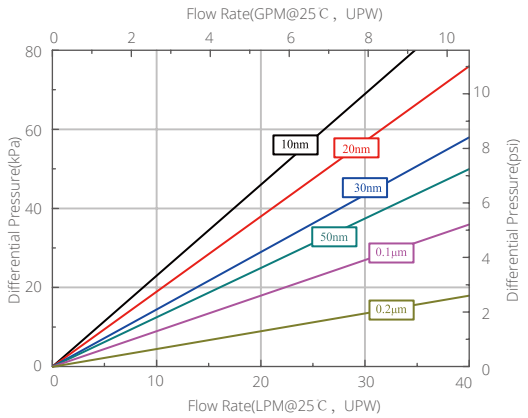


Clean-Nova φ81mm Cartridge (MX, MY)

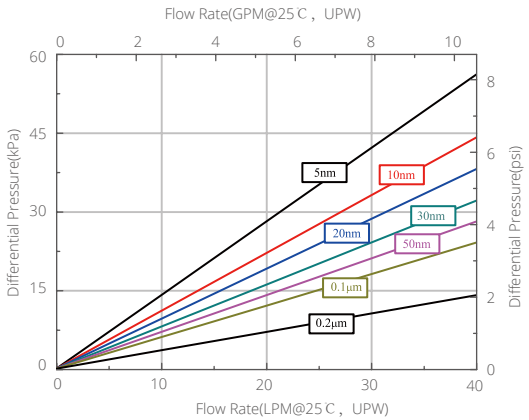
Nominal Size	A	B	C
4″	118.0±2mm	103.0±2mm	101.0±2mm
10″	238.0±2mm	223.0±2mm	221.0±2mm
20″	460.0±2mm	445.0±2mm	443.0±2mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

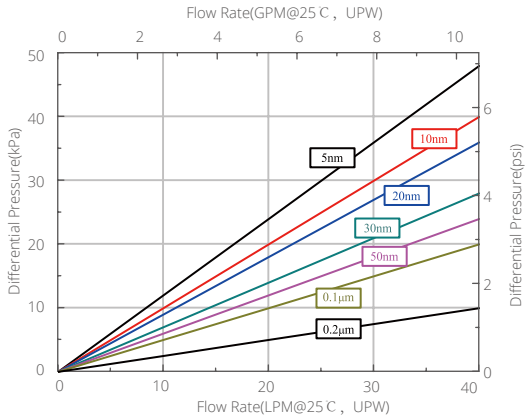
Clean-Nova SX 10" Cartridge Filter



Clean-Nova MX 10" Cartridge Filter



Clean-Nova MY 10" Cartridge Filter



ORDERING INFORMATION

