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.

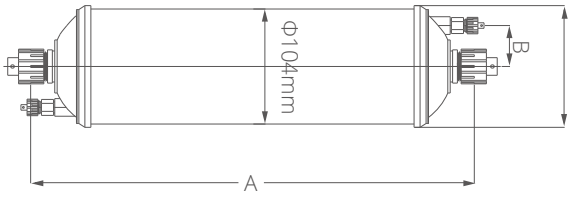
- Excellent flow performance and longer lifetime
- Reduce equipment pre-operation time
- Excellent retention rate performance
- Very low metal extractables
- 100% Integrity tested

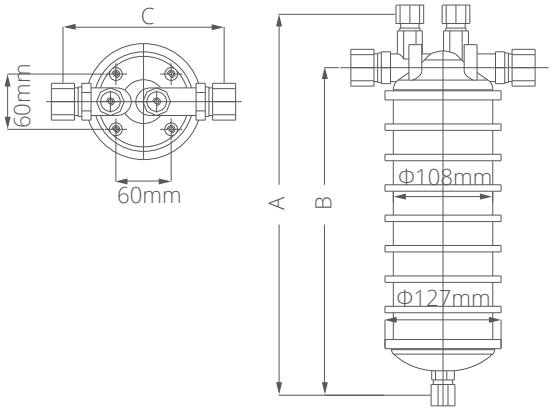


SPECIFICATIONS

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





Wet-Fluoride N-line Disposable

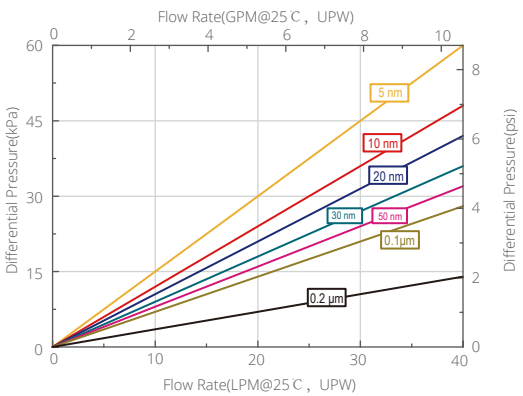
Inlet/ Outlet	Vent/ Drain	Dimensions	
		A	B
Flaretek Fittings			
3/8″	1/4″	344 mm	35 mm
1/2″	1/4″	357 mm	35 mm
3/4″	1/4″	360 mm	35 mm
1″	1/4″	369 mm	35 mm
Super 300 Type Pillar Fittings			
3/4″	1/4″	350 mm	35 mm
1″	1/4″	384 mm	35 mm

Wet-Fluoride T-line Disposable

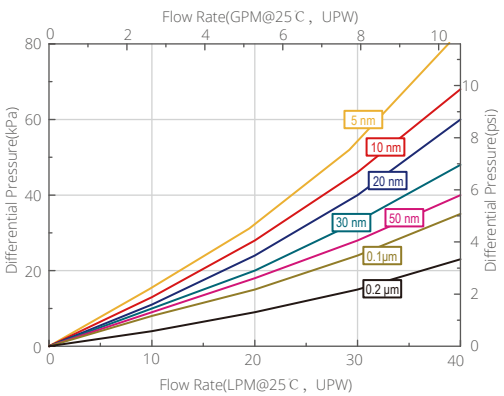
Inlet/ Outlet	Vent/ Drain	Dimensions		
		A	B	C
Flaretek Fittings				
3/4″	1/2″	389 mm	328 mm	181 mm
1″	1/2″	395 mm	334 mm	189 mm
Super 300 Type Pillar Fittings				
3/4″	1/2″	384 mm	325 mm	189 mm
1″	1/2″	396 mm	330 mm	196 mm

FLOW RATE VS. DIFFERENTIAL PRESSURE PERFORMANCE

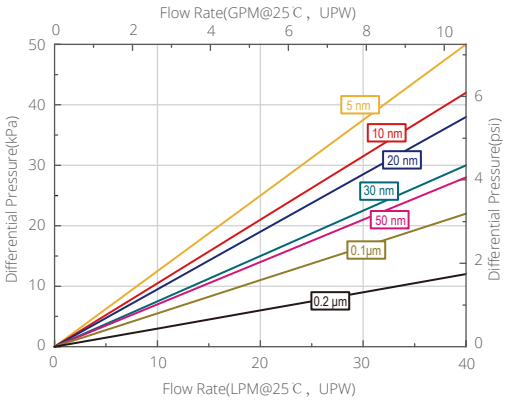
Clean-Nova MX 10" Disposable Filter with 1" Fitting



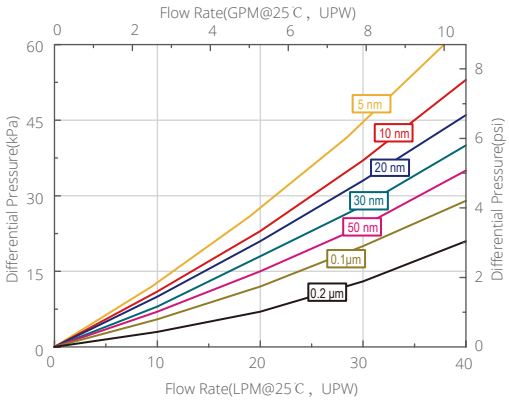
Clean-Nova MX 10" Disposable Filter with 3/4" Fitting



Clean-Nova MY 10" Disposable Filter with 1" Fitting



Clean-Nova MY 10" Disposable Filter with 3/4" Fitting



ORDERING INFORMATION

CND

Removal Ratings
F (5nm) C (30nm)
E (10nm) G (50nm)
A (20nm) B (0.1um)

Diameter
SX (φ68mm, 0.8m²) MY (φ81mm, 1.8m²)
MX (φ81mm, 1.2m²)

Length
04 (4")
10 (10")
20 (20")

Fitting configuration
NF32 NS62 TP64
NF42 NS82 TP84
NF62 TS64
NF82 TS84

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

Package
D (Dry)
W (UPW Prewet)

Code		Inlet/Outlet	Vent/Drain	Fitting
NF32	In-line	3/8"	1/4"	Flaretek
NF42		1/2"	1/4"	Flaretek
NF62		3/4"	1/4"	Flaretek
NF82		1"	1/4"	Flaretek
NS62		3/4"	1/4"	Super 300 Type Pillar
NS82		1"	1/4"	Super 300 Type Pillar
TP64	T-line	3/4"	1/2"	Super Type Pillar
TP84		1"	1/2"	Super Type Pillar
TS64		3/4"	1/2"	Super 300 Type Pillar
TS84		1"	1/2"	Super 300 Type Pillar