

HYBRID PLEATED
PORLEC

CSPV is an absolute grade filter with excellent removal efficiency and high flow throughput by applying PVDF (Polyvinylidene Fluoride) nanofiber filter medium.



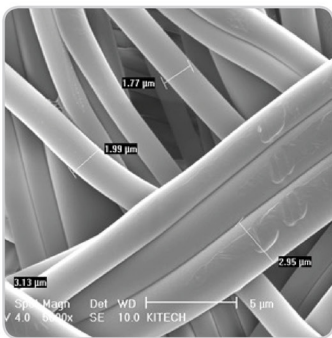
Features |

- High filtration reproducibility and particle removal because of uniform pore distribution
- PVDF nanofiber filter medium applied
- Stable filtration life
- Excellent chemical resistance
- High economic efficiency

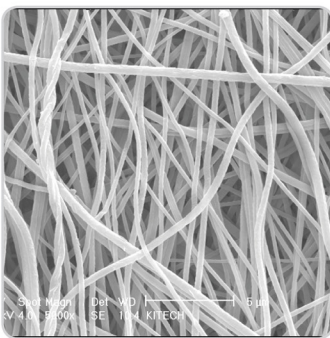
Applications |

Organic material, Ultrapure water pretreatment, Food & Beverage industry, Pharmaceuticals / Bio industry, Electronics industry

Specifications



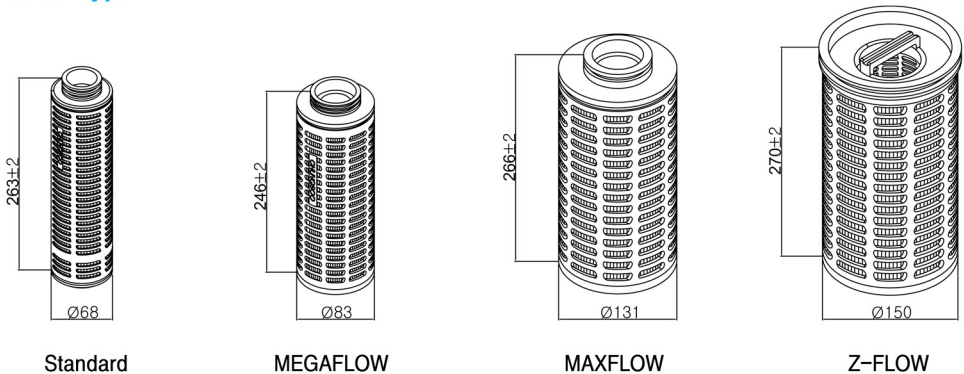
P.P _ Main Media
Fiber diameter : 1 ~ 3 μm
Porosity : 20 ~ 30%



PVDF _ Main Media
Fiber diameter : 0.2 ~ 0.3 μm
Porosity : 65 ~ 70%

Dimensions	Length (mm)	125/ 250 / 500 / 750 / 1000	
	Inner Diameter (mm)	30 / 36 / 52 / 70	
	Outer Diameter (mm)	68 / 83 / 131 / 150	
Materials	Main Media	PVDF Nano Fiber	
	Support Media	Polypropylene	
	Core & Out cage	Polypropylene	
	Seal	O-Ring	Silicone / EPDM / Viton / FEP Encapsulated
Operating Conditions	Max. Temperature(°C)	80	* Based on D.I Water
	Max. ΔP(Kgf/cm²)	4.0	

Applicable Filter Type

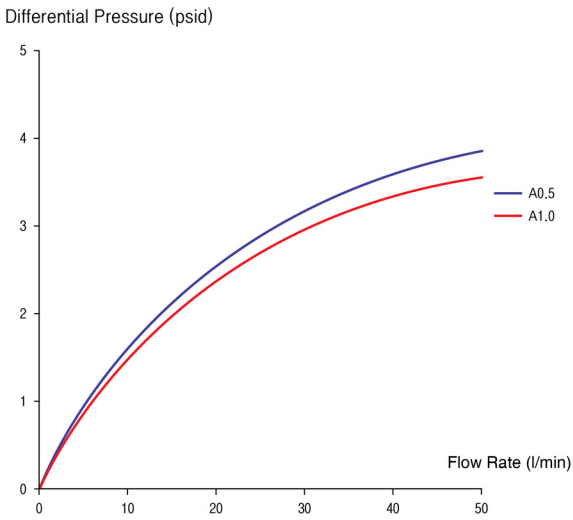


Removal Efficiency

GRADE		A0.5	A1.0
Removal Efficiency (%)	0.5μm	≥ 99.5	≥ 97.0
	1μm		≥ 99.5

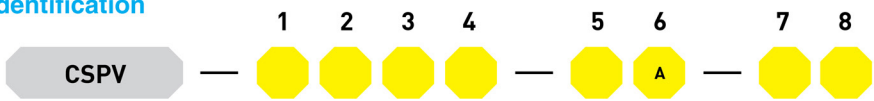
* Measuring Conditions
● Filtration Method : Single Pass ● Dust : LATEX
● Temperature : Room Temperature ● Flow Rate : 10-50LPM

Flow Rate



* Based on 10 inch standard cartridge filter

Part Number Identification



	①	②	③	④	⑤	⑥	⑦	⑧
	End Style	Media	Materials of Parts	Materials of Seal	Length of Filter	Grade	Micron Rating	Cartridge Type
Standard	1: DOE 2: 226/Flat 3: 222/Flat 7: 226/Fin 8: 222/Fin E: E/O type (222/Flat)	2 : PVDF Nano Fiber	1: Regular P.P 2: Reinforced P.P	S: Silicone E: EPDM V: Viton F: FEP Encapsulated P: PP Gasket T: PTFE Gasket	1: 250mm 2: 500mm 3: 750mm 4: 1000mm 6: 125mm	A: Absolute	0.5 1	None: Standard
MEGAFLOW	2: 226/Flat 3: 222/Flat		1: Regular P.P	S: Silicone E: EPDM V: Viton	1: 245mm 1: 265mm			E: MEGA
MAXFLOW	E: 334/Flat			F: FEP Encapsulated				X: MAX
Z-FLOW	U: U-Cup			E: EPDM V: Viton	1: 250mm 2: 500mm 3: 750mm 4: 1000mm			Z: Z-FLOW

Adaptor Style

