HYBRID PLEATED

HIGHPLUS-CSCP

CSCP provides the best solution with high filtration efficiency and low differential pressure in response to high-concentration and re-agglomerated liquid and powder filtration, which are difficult to apply to general pleated filters.

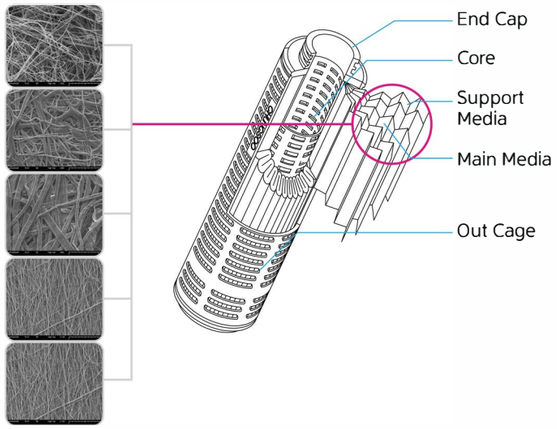
Features

- Combined Media Structure
- Maximization of particulate capture in high-concentration fluids through a sophisticated density gradient design in a multi-layer composite structure
- Excellent filtration efficiency reproducibility of over 99.5%
- Excellent re-coagulant foreign matter filtration
- Stable operation with low differential pressure

Applications

MLCC Slurry, CMP Slurry, INK JET, INK, Color filter Millbase

Structure

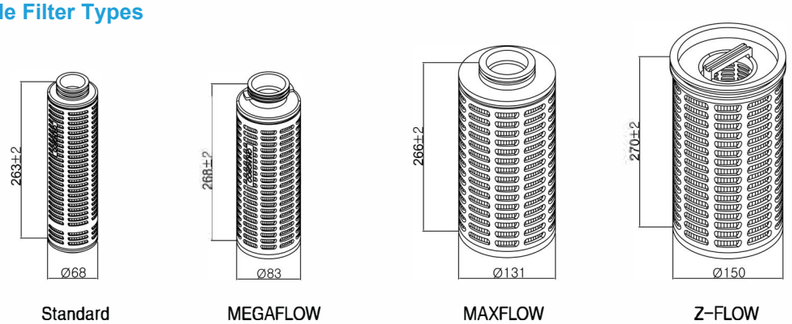


Specifications

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		Polypropylene + PVDF Nano Fiber
	Support Media		Polypropylene
	Core & Out cage		Polypropylene
	Seal	O-Ring	Silicone / EPDM / Viton / FEP Encapsulated
		Gasket	Silicone / EPDM / Viton / PP / PTFE
Operating Conditions	Max. Temperature(℃)		80
	Max. △P(Kgf/㎠)		4.0

* Based on DI Water

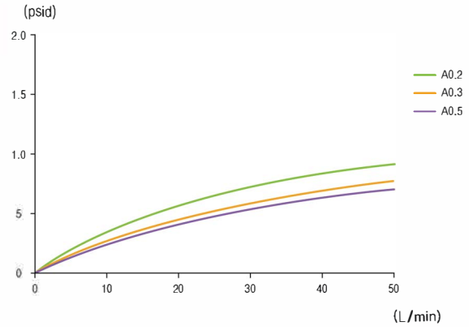
Applicable Filter Types



Removal Efficiency

GRADE		A0.2	A0.3	A0.5
Removal Efficiency (%)	0.2㎛	≥99.0		
	0.3㎛	≥99.8	≥99.5	
	0.4㎛		≥99.8	≥99.0
	0.5㎛			≥ 99.5

Flow Rate



* Measurement Conditions

• Single Pass / DIW / Room Temperature / 10~50LPM / Latex Bead + ISO Dust

* Based on 10inch filter cartridge

Part Number Identification

CSCP — ● ● ● ● — ● ● — ● ●

	●	②	③	④	●	●	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 NanoFiber	1: Regular 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	0.2 0.3 0.5	None: Standard
MEGAFLOW	2: 226/Flat 7: 226/Lock			S: Silicone E: EPDM V: Viton F: FEP Encapsulated	1: 268mm			E: MEGA
MAXFLOW	E: 334/Flat				1: 266mm			X: MAX
Z-FLOW	U: U-Cup			E: EPDM V: Viton	1: 250mm 2: 500mm 3: 750mm 4: 1000mm			Z: Z-FLOW

Adaptor Style