

CP SPP Series

Composite Polypropylene Pleated Filters



The CP SPP Series composite polypropylene pleated filters feature a multi-layer gradient design that removes particles progressively from coarse to fine. This structure enhances filtration efficiency, capacity, and service life. Optimized for precision and industrial processes, the CP SPP ensures consistent flow and stability across various fluid conditions, making it ideal for demanding liquid applications.

Specifications

Construction Materials

Filtration Media	Polypropylene
Core Support	Polypropylene
Gaskets / O-rings	Silicone, TEV, Viton, EPDM

Dimensions

Length	250, 500, 750, 1000 mm
Inner Diameter	30 mm
Outer Diameter	68 mm
Micron Rating	0.1 - 30 μ m (Nominal)

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out Δ P	Max. 2.0 bar at 20 °C
Temperature	Max. 80 °C

Features and Benefits

- Multi-layer structure enhances depth filtration precision
- Gradual density captures particles from coarse to fine
- High dirt capacity and longer service life
- Stable flow under varying differential pressure
- Customizable for different process requirements

Applications

- Chemical process
- Water purification
- Ink & paint
- Industrial wastewater
- Semiconductor
- Cooling systems
- Food & beverage
- Electronics

Ordering Information

CPSPP	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	A01 : 0.1 μ m	P1 : Polypropylene	K10 : 250mm	1 : \varnothing 30/68	B : PP	1 : DOE	B : Silicone
	A02 : 0.2 μ m		K20 : 500mm			2 : 222/FLAT	C : TEV
	A04 : 0.45 μ m		K30 : 750mm			3 : 222/FIN	D : Viton
	001 : 1 μ m		K40 : 1000mm			4 : 226/FLAT	E : EPDM
	003 : 3 μ m					5 : 226/FIN	
	005 : 5 μ m						
	010 : 10 μ m						
	020 : 20 μ m						
	030 : 30 μ m						