APP Series

Absolute Rated Polypropylene Pleated Filters

The APP Series absolute-rated polypropylene pleated filters provide precise particle retention with uniform pore size and stable flow characteristics. Offering tighter filtration compared to the SPP Series, they are ideal for high-purity liquid processes. With low differential pressure and high efficiency, the APP Series ensures reliable performance in critical applications such as semiconductor, pharmaceutical, and precision chemical industries.

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	0.6 - 30 µm

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 ˚C
Change-out ΔP	Max. 2.0 bar at 20 ˚C
Temperature	Max. 80 ˚C

Features and Benefits

- Absolute-rated media ensures precise particle removal
- Uniform pore size guarantees stable performance
- Low differential pressure and high flow rate
- Excellent compatibility with pure liquids
- Designed for critical high-purity applications

Applications

- Semiconductor
- Pharmaceutical
- Fine chemical
- DI water
- Food & beverage
- Electronics
- Precision coating
- Laboratory use

Ordering Information

APP	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	A06 : 0.6µm	P1 : Polypropylene	K10 : 250mm	1 : Ø30/68	B : PP	1 : DOE	B : Silicone
	A08 : 0.8µm		K20 : 500mm			2 : 222/FLAT	C : TEV
	001 : 1µm		K30 : 750mm			3 : 222/FIN	D : Viton
	003 : 3µm		K40 : 1000mm			4 : 226/FLAT	E : EPDM
	005 : 5µm					5 : 226/FIN	
	010 : 10µm						
	020 : 20µm						
	030 : 30µm						