

HP-PP Series

HP-PP Pleated Filter Cartridge



HP-PP Series filter cartridges are absolute rated, pleated depth-type filters, constructed of 100% polypropylene material. These filters are available in absolute particle retention ratings from 0.1 to 5 micron and various end cap configurations to fit into the most standard housings. All components of the HPPP series filter cartridges are FDA approved. The filter media and its support structure are thermally welded to the end caps, making integral filter cartridges of minimum extractables in a wide range of fluids and applications. All the filter cartridges are manufactured in a clean room environment.

- Absolute rated structure, particle removal rating from 0.1 to 5µm
- 100% polypropylene components provide broad chemical compatibility, suitable for use in a variety of fluids
- Consistent particle removal, no migration of filter media and non fiber shedding
- Meets FDA requirements for food contact and passes European Commission Directives (EU10/2011)
- 5.5ft² (.23m²) of Effective Filtration Area per 10" equivalent

PRODUCT SPECIFICATIONS

Micron Sizes
0.1, 0.22, 0.45, 1.2

Max Operating Differential Pressure
4Bar@70°F
2.4Bar@176°F

Nominal Lengths
5", 10", 20", 30", 40"

Operating Temperature
176°F (80°C)*

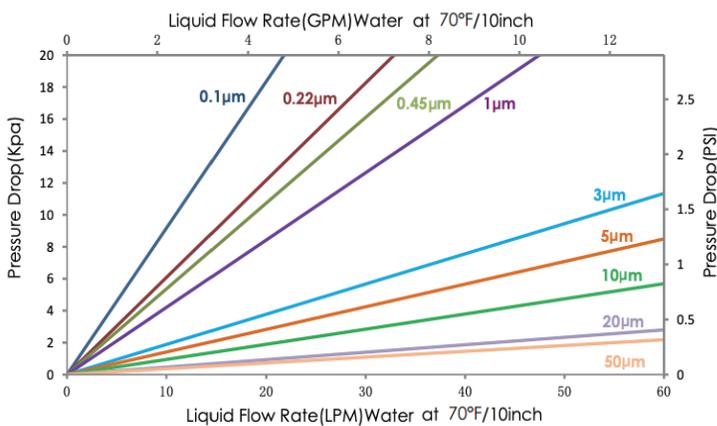
Materials of Construction
Media: PP- Polypropylene
Support: PP- Polypropylene
Cage/Core/End: PP- Polypropylene
O-Ring: Silicone, EPDM, NBR, Teflon, FKM, E-FKM

Outside Diameters
2.7" (69mm)

*Temperature ratings vary and depend on pressure and time under load.

PERFORMANCE

HP-PP Series Flowrate



QUESTIONS?

Ask our Service Representatives at:
888.859.1188 Mon. - Fri. 8a - 8p, Sat 8:30a - 4:30p EST.

Neologic Inc. | Greenville SC | Salt Lake City UT | Houston TX

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APPLICATIONS

- Food & Beverage
- Plating Chemicals
- RO Pre-Filtration
- Cosmetics
- Microelectronics
- Fine Chemicals
- Process Water
- Bottled Water
- Paints & Inks

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ORDERING INFORMATION (HP-PP-26100-0.222FL-B)

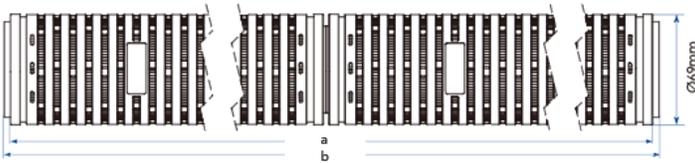
HP	PP-	26	100	-0.2	22FL-	-B
TYPE	MEDIA	CARTRIDGE DIAMETER	CARTRIDGE LENGTH	MICRON RATING	END CAP	O-RING/GASKETS
HP = High Purity Pleated	PP = Polypropylene Absolute	26 = 2.67" (6.78 cm)	097 = 9.3/4" 100 = 10" 200 = 20" 300 = 30" 400 = 40"	0.1 = 0.1 0.2 = 0.2 0.45 = 0.45 1 = 1 3 = 3 5 = 5	Blank = DOE (standard) 222FL = 222/Flat 222FN = 222/Fin 226FL = 226/Flat 226FN = 226/Fin Z = Custom	E = EPDM B = Buna N S = Silicone V = Viton® T = Teflon®

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

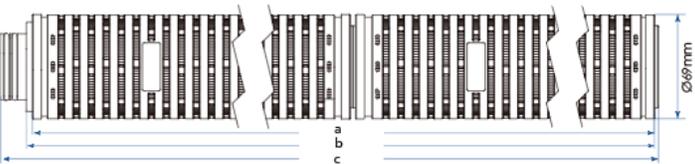
INTEGRITY TEST

Cartridge Designation	95% Efficiency	99% Efficiency
HP-PP-0.1	0.1µm	---
HP-PP-0.22	0.22µm	---
HP-PP-0.45	0.45µm	---
HP-PP-1	---	1µm
HP-PP-3	---	3µm
HP-PP-5	---	5µm

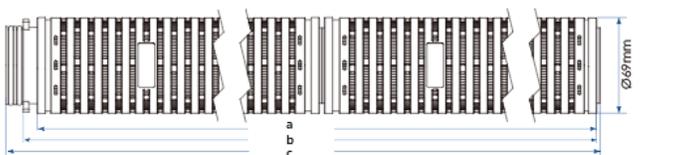
DIMENSIONS



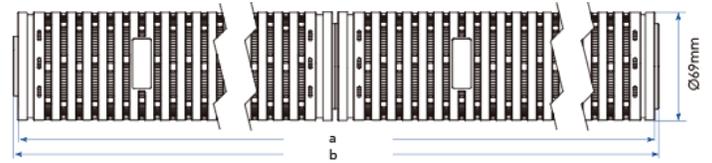
	9.75"	10"	20"	30"	40"
a	239.65±1	246.0±1	492.0±2	742.0±2	992.0±2
b	247.65±1	254.0±1	500.0±2	750.0±2	1000.0±2



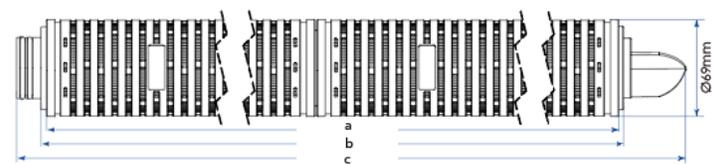
	9.75"	10"	20"	30"	40"
a	239.65±1	246.0±1	496.0±2	746.0±2	996.0±2
b	243.65±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	263.65±1	270.0±1	520.0±2	770.0±2	1020.0±2



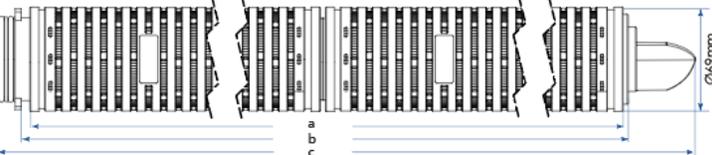
	9.75"	10"	20"	30"	40"
a	238.65±1	245.0±1	492.0±2	742.0±2	992.0±2
b	243.65±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	262.65±1	269.5±1	519.5±2	769.5±2	1019.5±2



	9.75"	10"	20"	30"	40"
a	240.65±1	247.0±1	495.5±2	744.0±2	992.5±2
b	246.15±1	252.5±1	501.0±2	749.5±2	998.0±2



	9.75"	10"	20"	30"	40"
a	235.65±1	242.0±1	492.0±2	742.0±2	992.0±2
b	243.65±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	310.15±1	316.5±1	562.5±2	812.5±2	1062.5±2



	9.75"	10"	20"	30"	40"
a	235.65±1	242.0±1	492.0±2	742.0±2	992.0±2
b	247.65±1	254.0±1	500.0±2	750.0±2	1000.0±2
c	305.65±1	312.0±1	562.0±2	812.0±2	1062.0±2