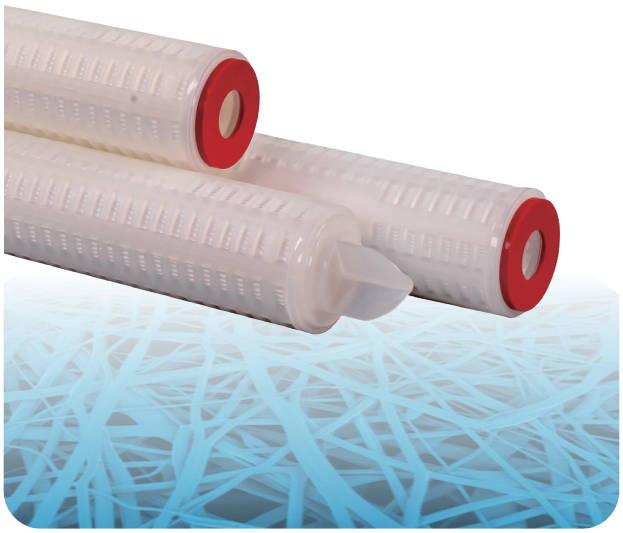
E-EPP Series

Polypropylene Microfiber Pleated Media Filter Cartridges, Continuous-Length 66mm & 69mm OD

Leading Filtration into the Future

Our E-EPP series polypropylene (PP) pleated microfiber media cartridges provide efficient micronic and submicronic retention of particulate in high purity fluid filtration applications. Manufactured in continuous lengths of 20", 30", and 40" for improved economy. Available in a wide range of design retention efficiency ratings. They offer fine flow permeability and a high contaminant capacity with superior chemical resistance. The 66mm (2.60") OD option is most economical and allows proper fit in housings with closer spacing. Component materials comply with US FDA and EU regulations for safe use with food products and potable water.



Retention Level Options

Select from four levels of design efficiency to deliver the desired balance between retention, service life, and economy.

- Absolute+ / 99.98% for maximized retention
- Absolute / 95% to 99%
- Nominal / 80%
- Water Grade / 60% for maximized life and economy

Features

- Durable and inert polypropylene media & components
- Fine porosity delivers excellent retention
- Superior fluid compatibility
- Thermally-bonded construction for cartridge integrity
- Continuous-length construction offers economy
- 66mm OD option fits housings with tighter spacing

Applications

- Beer, wine, distilled spirits, bottled water
- Food products & ingredients
- RO prefiltration
- Process water; wastewater
- Fine chemicals

Product Quality

- Produced in a Class 10,000 clean-room environment for product purity & cleanliness.
- Manufactured within an ISO 9001:2015 certified quality management system.
- Halal certified.
- Each filter element is inspected for compliance with requirements for manufactured cartridge integrity.
- Plastic components meet Biological Reactivity Test requirements of USP <88> for Plastics Class VI-121°C.

Materials of Construction

Media:	Polypropylene
Support Layers:	Polypropylene
Cage/Core/End Caps:	Polypropylene
Adapter Reinforcement:	Polysulfone or stainless steel
Seal Options:	Silicone, NBR, EPDM, FKM, E-FKM

Dimensions

Diameter:	66mm (2.60"), 69mm (2.72")
Lengths:	20", 30", 40"

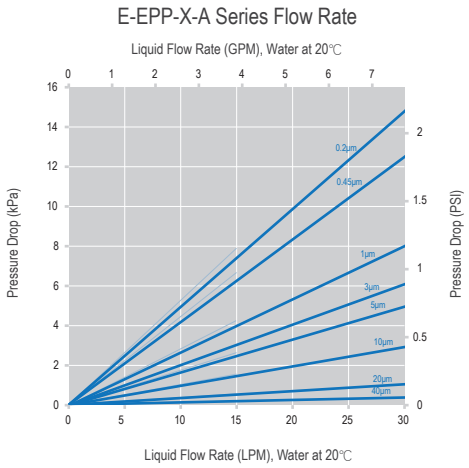
Operating Conditions

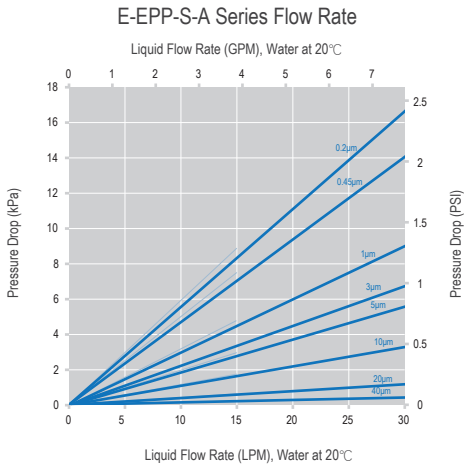
Operating Temperature:	80°C (176°F) max.
Operating dP (max.):	4 bar (58 psi) @ 20°C (68°F)
	2 bar (29 psi) @ 80°C (176°F)
Change-Out dP:	2.6 bar (38 psi) @ 20°C (68°F)

Series Options

- E-EPP-X ... 69mm OD
- E-EPP-S ... 66mm OD for housings with close spacing
- E-EPP-W ... Water grade 66mm OD with reduced EFA for maximum economy

Clean Pressure Drop





Flow rate versus dP values are shown for 10" length versions of "A" rated products. Approximations for other grades are:

"AA" rated products will have 20%-40% higher dP for a given flow rate.

"N" and "W" grades will have 20%-40% lower dP for a given flow rate.

For cartridges of lengths other than 10", the flow rate at a given dP will increase proportionally to the length.

Ordering Information

example: E-EPP — □ — □ — □□□□ — □□ — □□□□ — □

Type	Grade	Removal Rating	Length	End Cap Type	Seal Material
S = 66mm	AA = Absolute +	0020 = 0.2µm	20 = 20"	DOE = DOE	S = Silicone
W = 66mm Water Grade	A = Absolute	0045 = 0.45µm	30 = 30"	2FL = 222/Flat	E = EPDM
X = 69mm	N = Nominal	0065 = 0.65µm	40 = 40"	2FN = 222/Fin	B = NBR
	{blank} = Water Grade	0100 = 1µm		2RFL = 222(SS)/Flat	V = FKM
		0300 = 3µm		2RFN = 222(SS)/Fin	F = E-FKM
		0500 = 5µm		3FL = 213/Flat	
		1000 = 10µm		6FL = 226/Flat	
		2000 = 20µm		6FN = 226/Fin	
		4000 = 40µm		6RFL = 226(PSU)/Fin	
				6RFN = 226(PSU)/Fin	

Note: Additional end cap options may be available, if required. Please inquire.

LEAD FREE
NSF/ANSI/CAN 61

Certified to NSF/ANSI/CAN-61 for materials safety requirements only, for cold water applications (23°C).

Certification does not include "F" or "V" seal options.

Filtersource.com Inc.

DISCLAIMER: The filtration data presented is representative of performance characterized in a laboratory setting. The data is not offered as a warranty, specification, or statement of fitness for a specific application. Performance can vary greatly depending on the fluid, contaminants present, flow conditions, and operating environment. Users are advised to conduct comprehensive qualification testing to substantiate that the product performs as required.

See the applicable Product Performance & Operating Guide for additional information on the function and capabilities of the product.

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