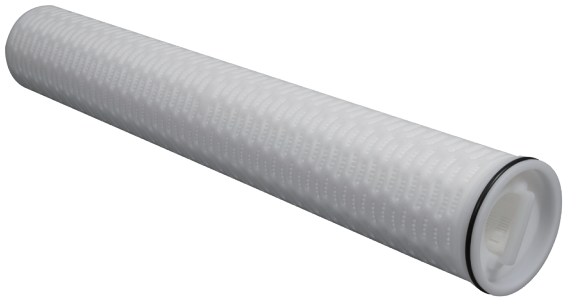
E-HF Series

"High-Flow" Type Pleated

Depth Media Filter Cartridges

Endoer™ E-HF series pleated depth media cartridges provide efficient micronic and submicronic retention of particulate in high-purity fluid filtration applications. Available in both polypropylene (PP) and micro-glass media and in a wide range of absolute and nominal ratings. Compatible fit with Pall® High-Flow series. They offer fine flow permeability and a high contaminant capacity with superior chemical resistance. 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 / 98%
- Nominal / 80%
- Water Grade / 60% for maximized life and economy



Coarse upstream layer.....Finer downstream layer

Precision multi-layered media composite structures improve particulate retention and service life.

Features

- Durable and inert polypropylene media & components
- Micro-glass media option offers higher permeability and more efficient retention
- Compatible fit with Pall® High-Flow series filters
- Thermally-bonded construction for cartridge integrity

Materials of Construction

Media:	Polypropylene or Micro-Glass
Support Layers:	Polypropylene
Cage; End Caps:	Polypropylene
Seal Options:	Silicone, NBR, EPDM, FKM

Applications

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

Dimensions

Diameter:	152mm (6.0")
Lengths:	20", 40", 60"

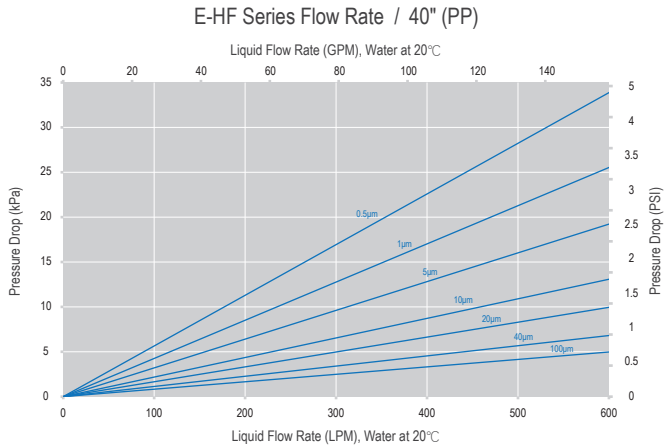
Product Quality

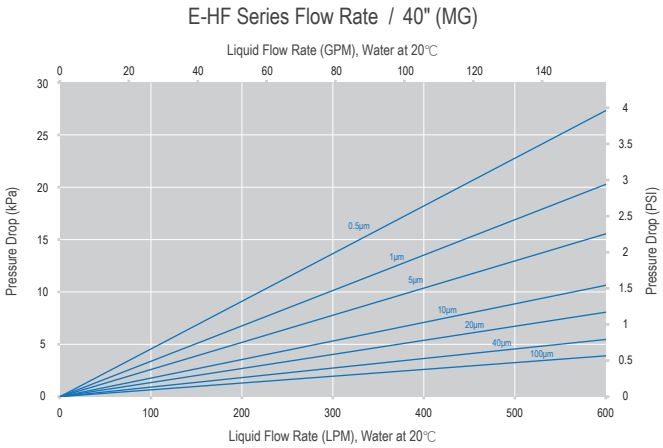
- Produced in a clean-room environment for product purity & cleanliness.
- Manufactured within an ISO 9001:2015 certified quality management system
- Each filter element is inspected for compliance with requirements for manufactured cartridge integrity.

Operating Conditions

Operating Temperature:	80°C (176°F) max.
Operating dP (max.):	4 bar (58 psi) @ 20°C (68°F)
	2.4 bar (35 psi) @ 80°C (176°F)
Change-Out dP:	2.6 bar (38 psi) @ 20°C (68°F)

Clean Pressure Drop





Pressure drop values are based on a 40" length cartridge. For other cartridge lengths, the flow rate increases or decreases proportionally for a given pressure drop. Absolute-series dP values are shown. Absolute+ rated models have ~5-10% higher dP versus absolute-rated models. Nominal and Water Grade-rated models have ~15-20% lower dP versus absolute-rated models.

Ordering Information

E-HF — □□ — □ — □□□□ — □□ — □

Type
- PP = Polypropylene
- MG = Micro-Glass

Grade
- AA = Absolute+
- A = Absolute
- N = Nominal
- W = Water Grade

Removal Rating
- 0050 = 0.5µm
- 0100 = 1µm
- 0500 = 5µm
- 1000 = 10µm
- 2000 = 20µm
- 4000 = 40µm
- 100µ = 100µm

Length
- 20 = 20"
- 40 = 40"
- 60 = 60"

Seal Material
- E = EPDM
- B = NBR
- S = Silicone
- V = FKM

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.