

PLH Series Synthetic Media Filter

Protect your investment with genuine Refilco® multi-layer synthetic media cartridges



Refilco® **PLH Series** cartridge is designed to provide superior filtration in a wide range for fluid applications. Utilizing advanced synthetic media pleated with epoxy coated wire backing. **PLH Series** cartridges can withstand long-term use without softening or deterioration, especially in the presence of water.

The combination of the multi-layer microglass and polyester media pleated with the rigid wire backing, optimizes filtration and flow capacities. The synthetic fiber matrix design increases pore volume per unit of area providing for high flow rates and precise filtration efficiencies.

The **PLH series** is available in a wide range of micron ratings to meet the demands for filtration of mineral oils, synthetic fluids, non-potable water, water based fluids and chemicals.

Features

- Multi-layer synthetic media with rigid wire backing
- Higher flow rates per unit area
- Long-term resistance to deterioration caused by water
- Superior particle separation efficiencies
- Wide range of chemical compatibility
- High dirt holding capacity reducing maintenance cost
- Directly interchangeable with standard pleated paper cartridges

PLH Series Synthetic Media Filter

Performance

Efficiency Rating	Nominal**
	0.5 µm
	1.0 µm
	3.0 µm
	5.0 µm
	10.0 µm
	20.0 µm
	40.0 µm
Max. Operating Temperature:	250 °F / 121 °C
Min. Operating Temperature:	-20 °F / -7 °C
Collapse Pressure:	75 PSID / 517 kPa
Recommended Change-out:	25 PSID / 172 kPa

Applications

PLH Series cartridges are recommended for a wide range of industrial applications where increased structural integrity and performance are demanded.

- Turbine Lube Oil
- Compressor Lube and Seal Oil
- High Water Based Fluids
- Cutting Coolants
- Fuels
 - Diesel*
 - Terminal Storage
 - Backup Generator
 - Gasoline
 - Dual Fuel Engine Turbine Lube
- Hydraulic Oils
- Rolling Mill Oil
- Chemicals
- Glycols and Amines

* See FAUDI Diesel literature for more details

** Contact FAA Filters for absolute efficiencies for your specific applications.

PLH Series Synthetic Media Filter

Cartridge Construction

	Cartridge Component				
	Gasket (A)	Filter Media	Inner/Outer Body (C)	End Caps (D)	Bonding (E)
Material Options	- Buna N* - Cork** - Fiberboard** - Neoprene** - Silicone** - Viton®**	Pleated synthetic	- Corrosion resistant plated steel* - Stainless steel**	- Corrosion resistant plated steel* - Stainless steel**	- Plastisol* - Urethane** - Silicone** - Epoxy**

*standard

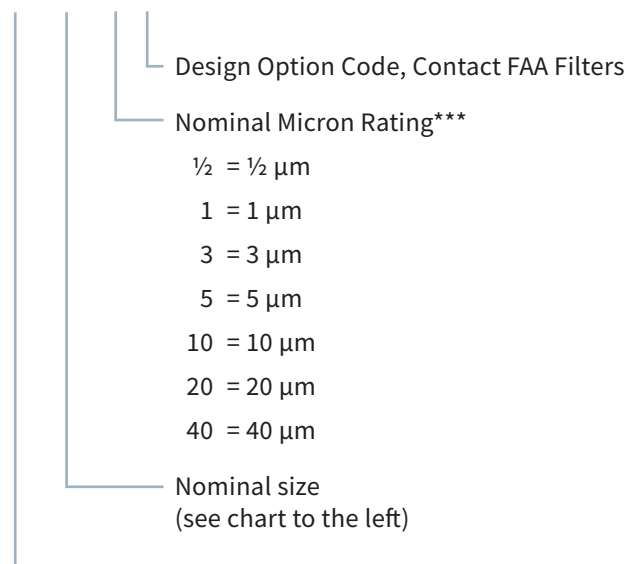
** option

PLH Series Product Line			
Series	OD (in.)	OAL (in.)	Replaces
PLH 310	2 5/8	9 3/4	Hilco
PLH 330	2 5/8	29 5/8	Hilco
PLH 418	4	18 1/4	Purolator
PLH 424	4 1/2	24 1/8	Purolator
PLH 512	4 1/2	12	Purolator
PLH 518	6	17 7/8	Kaydon
PLH 607	6	7 1/2	Purolator
PLH 608	6	8	Purolator
PLH 614	6	14 1/2	Facet, Fram, Velcon
PLH 618	6	18	Facet, Velcon
PLH 629	6	29	Facet, Velcon
PLH 636	6	36	Facet, Velcon
PLH 644	6	44	Facet, Velcon
PLH 656	6	56	Facet, Velcon
PLH 718	6	18	Hilco, Facet
PLH 736	6	36	Hilco, Facet

The table above represents only a portion of the many different size PLH cartridges manufactured. Please contact FAA Filters for detail on our complete product line.

Cartridge Part Numbering

PLH 614 - 5 10



Media Type: PLH = Pleated Synthetic

(Other media types available)

*** Contact FAA Filters for absolute efficiencies specific to your applications.

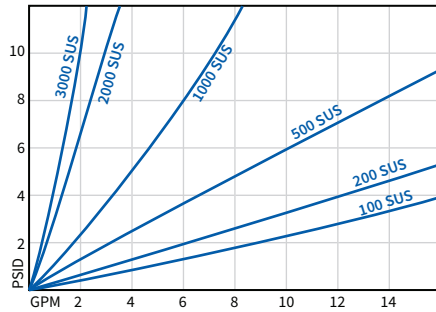
Operational Limits

- Max. Temperature: 250 °F / 121 °C
- Min. Temperature: -20 °F / -7 °C
- Std. Collapse Rating: 70 PSID / 482 kPa
- Recommended Change Out: 25 PSID / 172 kPa

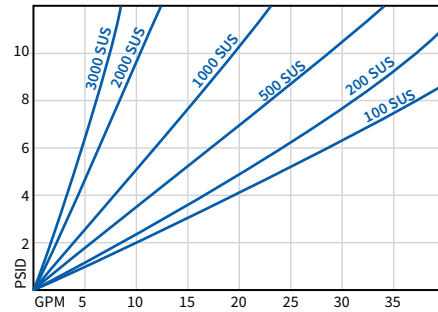
FAA Filters can custom design to meet your exact specifications.

PLH Series - Flow vs Pressure Differential

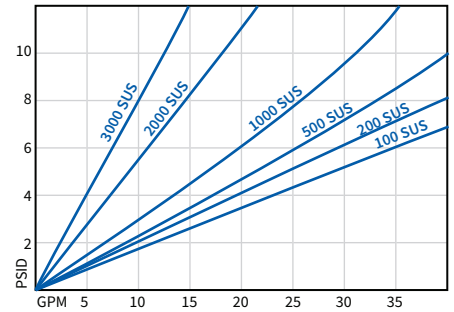
PLH 310-1B



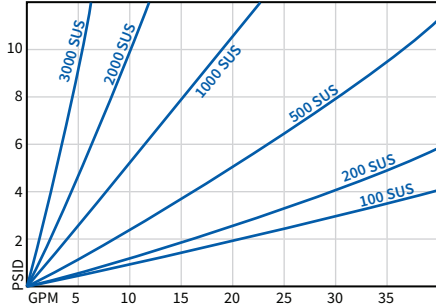
PLH 310-5B



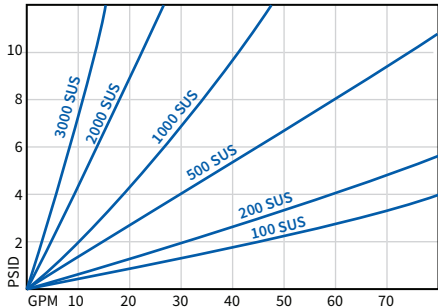
PLH 310-10B



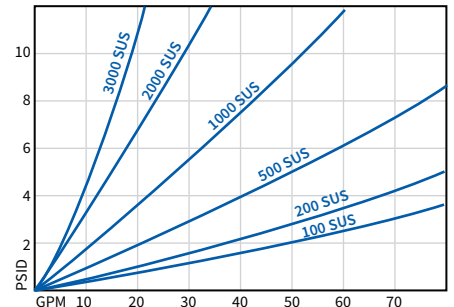
PLH 512-1B



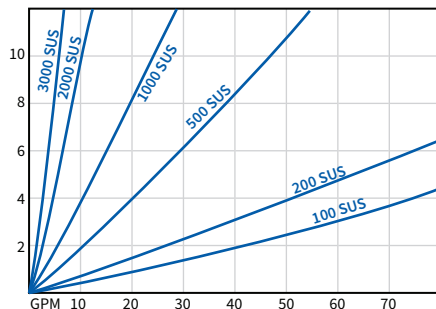
PLH 512-5B



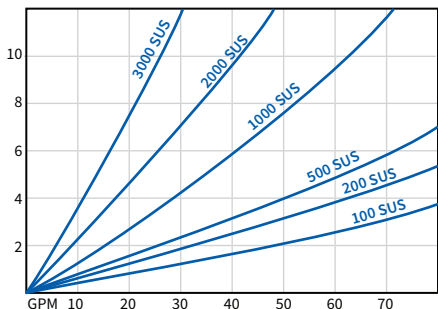
PLH 512-10B



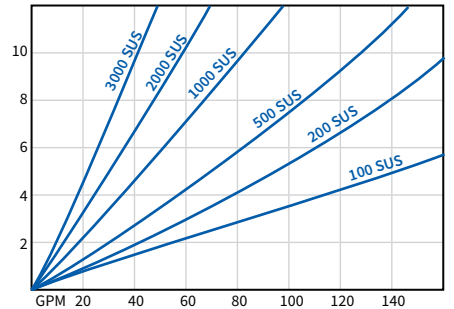
PLH 614-1B



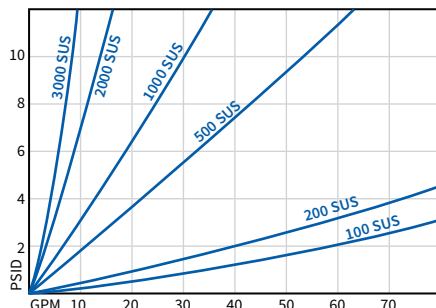
PLH 614-5B



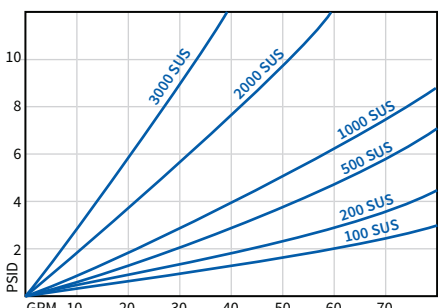
PLH 614-10B



PLH 718-1B



PLH 178-5B



PLH 718-10B

