

PH Series

High Efficiency Pleated Filter Cartridges



Applications

- Edible Oils
- Prefiltration for Reverse Osmosis
- Magnetic Tape Coatings
- Food and Beverage
- Cosmetics
- Water and Wastewater
- Plating Solutions
- Electronics
- Chemicals
- Aqueous Solutions



*Residential / Commercial / Industrial
Filtration Applications*

Standard Features

- Manufactured in USA
- Suitable for filtration of liquids and edible oils
- Extended filter area to provide high flow rates, low pressure drop, and increased dirt-holding capacity
- Long service life and reduced maintenance costs
- Polypropylene elements are FDA listed
- Filters available in standard 2-3/4" and 4-1/2" (BB-style) cartridge diameters
- Operating efficiency at 90%

Specifications, Operating Parameters and Options

Micron Sizes

0.35, 1, 1a, 5, 10, 20, 30, 50, and 100 microns

Nominal Lengths

9-3/4", 19-1/2", 20", 29-1/4", 30", 39", and 40"

Inside and Outside Diameters

1-1/16" ID, 2-3/4" and 4-1/2" OD. Custom sizes available.

Maximum Operating Temperature

175°F (79.4°C) temperature limit*

Recommended Change-Out Differential Pressure

25-30 psid (1.72-2.07 bar)

Materials of Construction

Filter Media: 100% polypropylene melt blown

Core: Polypropylene

End Caps: Vinyl Plastisol

FDA and USP Compliance

FDA polypropylene filters are manufactured with materials that comply with FDA requirements for food contact per CFR Title 21

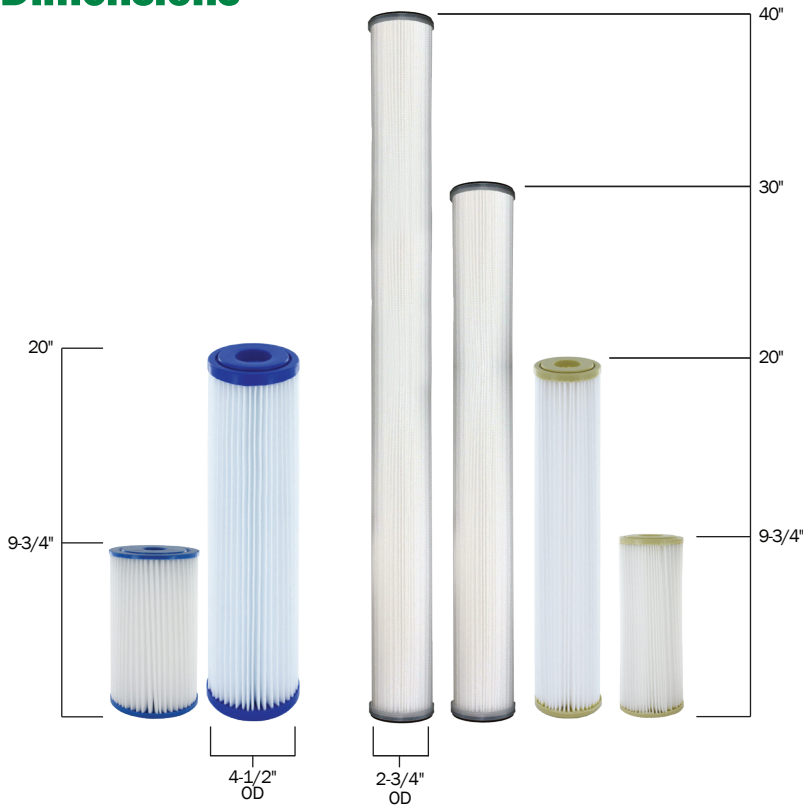
*Temperature limits vary and depend on pressure and time under load

Ordering Guide (Example: PH-27097-20-226f)

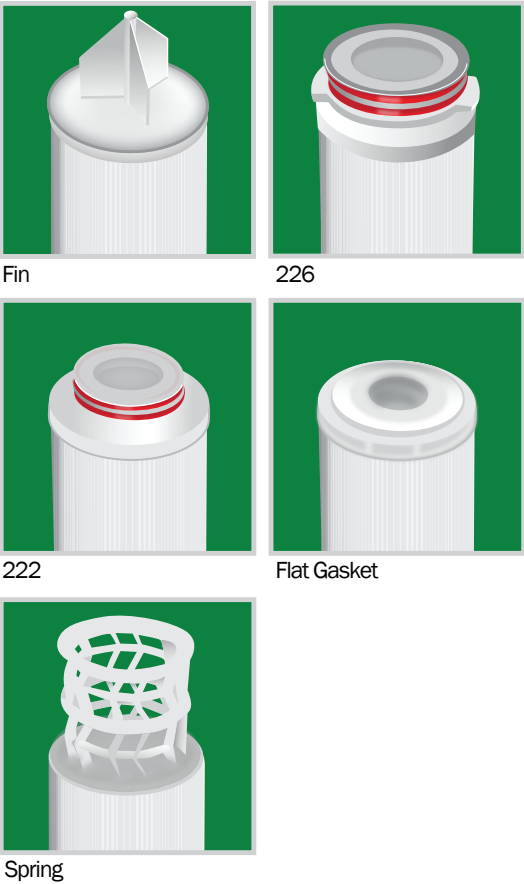
P	H	– 27	097	– 20	– 226f	
MEDIA	SURFACE AREA	CARTRIDGE DIAMETER	CARTRIDGE LENGTH	MICRON RATING		END CAP
P = Synthetic Polypropylene (standard)	H = 6 sq. ft. per 9-3/4"	27 = 2.75" 45 = 4.5"	097 = 9-3/4"	s35 = 0.35	Brown**	Blank = DOE (standard)*
			195 = 19-1/2"	01 = 1	Tan	213 = 213 Internal O-ring
			200 = 20"	1A = 1 Abs	Purple	222f = 222/Flat
			292 = 29-1/4"	05 = 5	White	222n = 222/Fin
			300 = 30"	10 = 10	Red	222s = 222/Spring
			390 = 39"	20 = 20	Blue	226f = 226/Flat
			400 = 40"	30 = 30	Black	226n = 226/Fin
				50 = 50	Yellow	226s = 226/Spring
				100 = 100	Green	SOEf = SOE/Flat
						SOEs = SOE/Spring
						SOEn = SOE/Fin
						Z = Custom

** End cap color. End caps available only on 2.75" cartridges.

Dimensions



Available End Cap Configurations



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**Filter Housings
Selection Guide**
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