

## In-Line Plastic Filters & Strainers

Precision Filtration Products  
YOUR ONE STOP FOR FILTERS

### Suitable for Vacuum, Air, & Liquid Applications

Our In-Line Plastic Filters are ideal for use with vacuum pumps and vacuum systems. They can be used in conjunction with any manufacturer's vacuum pumps. They add protection for extreme and adverse conditions. They can also be used in most air and liquid applications. Please call with your system requirements.

Our compact in-line vacuum filters offer the added protection of 10 micron filtration and a 150 PSI pressure rating for adverse conditions and environments. They are ideal for environments where glass materials can not be used and where there is a high level of moisture present. Our filters are durable, constructed of rugged injection molded Nylon and Polypropylene plastic, and will not rust or corrode.

PFP offers a variety of different filter configurations with male or female connections ranging in size from 1/8" to 1-1/2" for maximum versatility and easy installation. Hosebarb connections are also available.



### Features

- Filter Dust and Other Small Particles From the Vacuum Flow
- FDA Approved Black Polypropylene Head or Nylon Head: Corrosion and Rust Proof
- Clear Nylon Bowls Available for Element Visibility
- Variety of Seals Available to Meet your Requirements: **Buna-N**, **Viton**, or **EPDM**
- High Flow Rates
- Replaceable Filter Elements Available in **Porous Plastic**, **Pleat Paper**, **Spunbond Polyester**, **HEPA**, and **Wire Mesh** Medias
- Multiple Configurations and Styles Available to Meet Your Requirements
- Pressure Rating From Full Vacuum to 150 PSI
- Maximum Temperature: 125°F (50°C) AT 100 PSI

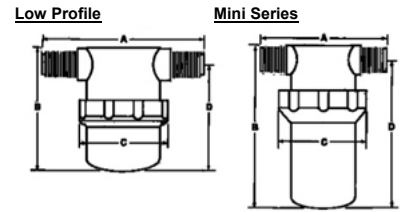


**Low Profile and Mini Series**

Our Low profile in-line filters/strainers take up a small amount of space. They are ideal for areas where space is a consideration. The Mini series utilizes a longer bowl for increased surface area. Common applications for these filters/strainers include vacuum pump systems, dental systems, home water treatment systems, floor cleaning equipment, and medical supply. Available in FPT, MPT, and Hosebarb connections.

Connection Design	A	B	C	D
Low Profile FPT - 1/8" 1/4" 3/8" 1/2"	3	2.67	1.89	2
Low Profile MPT - 1/8" 1/4" 3/8" 1/2"	3	2.42	1.89	1.96
Hose Barb* 3/16" 1/4" 3/8" 1/2"				
Mini Series* 1/8" 1/4" 3/8" 1/2"	3	3.75	1.89	3.29

Dimensions are for reference purposes only

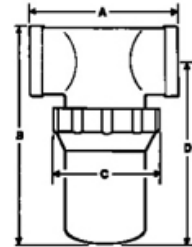


**Medium Profile Series**

Our Medium profile series allows for increase surface area at a compact size. The ideal applications include, dental supply, commercial and industrial vacuum pumps, agricultural and marine. The standard port is NPT. This series is also available with Hosebarb, BSP.

Connection Design	A	B	C	D
Female NPT 3/8" 1/2" 3/4"	3.58	5.38	2.9	4.7
Female NPT 1"	4.12	5.75	2.92	4.83

Dimensions are for reference purposes only

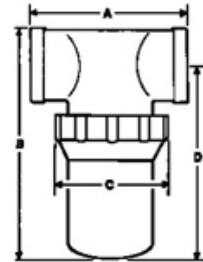


**Large Profile Series**

Our Large profile series is the largest capacity filters/strainers available. They are used primarily in the same applications as the medium series, where increased flow rate and filtration area is required. Available in connection sizes from 1" to 1-1/2".

Connection Design	A	B	C	D
Female NPT 1"	4.95	6.4	4	5.55
Female NPT 1 1/4"	4.95	7.13	4	6.1
Female NPT 1 1/2"	5.1	8.1	4	6.9

Dimensions are for reference purposes only



**Gaskets**

Three gasket materials are offered to meet all of your application needs. The gaskets are color coded to eliminate confusion when ordering replacements. See the chart below to choose the proper gasket for you application.

	Buna (Nitrile)	EPDM (Ethylene Propylene)	Viton (Flouoroelastomer)
Color	Black	Red	Green
Compression Set	Good	Good to Excellent	Fair
Temperature Minimum	0°F	-40°F	10°F
Chemical Compatibility*	Not resistant to ozone or strong acids.	Not resistant to petroleum fluids.	Not for use with hot water.

**Part Number:**

**PPF F .25 X 10 SB C B B**

**F** = FNPT Connection  
**M** = MNPT Connection  
**H** = Hosebarb Connection

Connection Style

Seal Type

**B** = Buna-N Seal  
**E** = EPDM Seal  
**V** = Viton Seal

Head Style

**B** = Black Polypropylene Head  
**N** = Nylon Head

Bowl Style

**B** = Black Polypropylene Bowl  
**C** = Clear Nylon Bowl  
**N** = White Nylon Bowl

Media Type

**Blank** = Pleated Paper  
**HE** = HEPA  
**NE** = No Element  
**PP** = Porous Plastic  
**SB** = Spunbond Polyester  
**MS20** = 20 Mesh Screen  
**MS40** = 40 Mesh Screen  
**MS80** = 80 Mesh Screen

Connection Size

**.125** = 1/8"  
**.25** = 1/4"  
**.375** = 3/8"  
**.50** = 1/2"  
**.625** = 5/8"  
**.75** = 3/4"  
**1.00** = 1"  
**1.25** = 1 1/4"  
**1.50** = 1 1/2"

Element Style

**10** = #10 element  
**20** = #20 element  
**35** = #35 element  
**50** = #50 element  
**60** = #60 element  
**75** = #75 element