



# INLINE FILTERS

## INLINE FILTERS

Inline filters are compact units used for controlling contaminants in liquids, and gases. Applications include instrumentation, dental, and other medical applications.



## FACL SERIES

FACL Series are large 4" inline filter made of Acetal with a Nylon screen. This filter is resistant to alcohol and fuel and can withstand higher pressures. Barb sizes are 1/4" and 3/8". Nylon screens are 150 and 250 microns, Polyester screens are 20, 65, and 105 microns.

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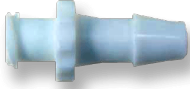
## MHF SERIES

This Inline filter is made of Nylon or Polypropylene with a 30, 70, or 150-micron Polyethylene filter.

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SKU	Description
MHF-2B-30	1/8 Barb 30 Micron Filter
MHF-3B-PP-70	3/16 Barb Polypropylene 70 Micron Filter
MHF-4B-PP-150	1/4 Barb Nylon, 150 Micron Filter
MHF-4B2M-150	1/4 Barb by 1/8 NPT Polypropylene 150 Micron Filter
MHF-4B-150	1/4 Barb Nylon 150 Micron Filter

## FLLB SERIES



The FLL series are female luers that have a filter installed. Nylon bodies with Nylon filters with 10, 30, 48, 70, 100, 140 or 190 microns are available. Polypropylene bodies with Polypropylene filters of 105 or 150 microns are available. These filters come in UNF sizes of 10-32 inch or 1/4-28 inch.

SKU	Description
FLLB-332-PP-150N	FLL by 3/32 inch Barb Polypropylene, 150 micron Nylon
FLLB-18-K-70T	FLL by 1/8 inch Barb PVDF, 70 micron PTFE
FLLB-18-N-70N	FLL by 1/8 inch Barb Nylon, 70 micron Nylon

## IFF-F SERIES



The IFF-F Series Filters are Borosilicate 1/4 inch OD shafts in Nylon housing. The filter is impregnated with PTFE to be hydrophobic. Epoxy to remove oil, or Fluorocarbon for general air filtration. Available in 5 filter grades of .01, .50, and .70 maximum aerosol particles. A 44-micron Stainless Steel screen is also available.

SKU	Description
IFF-F-E-10	Epoxy .07 95.0 Efficiency
IFF-F-E-2	Epoxy .01 99.9999 Efficiency
IFF-F-E-4	Filter Borisilica Grade 4 Epoxy
IFF-F-E-4-1BE	Filter Borisilica Grade 4 Epoxy 1/16 Barb Elbow
IFF-F-E4-S	Filter Borisilica Grade 4 Epoxy Short
IFF-F-E4-S-1BE	Filter Borisilica Grade 4 Epoxy Short 1/16 Elbow
IFF-F-E-6	Epoxy .01 99.97 Efficiency
IFF-F-E-8	Epoxy .05 98.5 Efficiency

## IFF SERIES



The IFF Series Nylon Filters come standard with 1/4-inch stems that accept tubing or push-in fittings to adapt to various configurations. Available with silica gel (SG) to remove moisture, activated charcoal (AC) to remove oil vapor, molecular sieve (13X) to remove hydrocarbons, or oil-activated dye (AO) to indicate oil. 1/8 inch barbs or 1/8, 3/32 inch elbows available.

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SKU	Description
IFF-2	Epoxy .01 99.9999 Efficiency
IFF-4	Filter Borisilica Grade 4 Epoxy
IFF-4S	Filter Borisilica Grade 4 Epoxy Short
IFF-6	Epoxy .01 99.97 Efficiency
IFF-8	Epoxy .05 98.5 Efficiency
IFF-10	Epoxy .07 95.0 Efficiency
IFF-14-AC	1/4 Filter Activated Charcoal
IFF-14-MS	1/4 Filter Molecular Sieve

## FIF SERIES



The FIF Series Polysulfone Filters are 10-32 inch Female UNF by 10-32 inch Female UNF Filters with a 316 Stainless Steel screen. Available in 5, 25, 43, or 73-micron screens. Minimum pressure 125 psi. The operating temperature is 40°F to 120°F. These filters are disposable and have a low-pressure drop.

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SKU	Description
FIF-1032-5	10-32 Female Filter 5 Micron
FIF-1032-73	10-32 Female Filter 73 Micron
FIF-1032F-25	10-32 Female Filter 25 Micron
FIF-1032F-43	10-32 Female Filter 43 Micron



## AF-IG SERIES

The AF-IG Series Polysulfone Filters are 10-32 by 1/16 or 1/8 inch Barbs with 5, 25, 43, or 73 micron and 316 Stainless Steel Filter.

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SKU	Description
AF-IG-101B-43	10-32 by 1/16 inch Barb 43 Micron Stainless Steel
AF-IG-102B-5	10-32 by 1/8 inch Barb 5 Micron 316 Stainless Steel
AF-IG-1B-5	10-32 by 1/16 inch Barb 5 Micron
AF-IG-1B-25	10-32 by 1/16 inch Barb 25 Micron
AF-IG-1B-43	10-32 by 1/16 inch Barb 43 Micron
AF-IG-1B-73	10-32 by 1/16 inch Barb 73 Micron
AF-IG-2B-5	10-32 by 1/8 inch Barb 5 Micron
AF-IG-2B-25	10-32 by 1/8 inch Barb 25 Micron
AF-IG-2B-43	10-32 by 1/8 inch Barb 43 Micron
AF-IG-2B-73	10-32 by 1/8 inch Barb 73 Micron



## FV SERIES- FILTER

The FV Series single barbed Inline Filter is used for compressed air or vacuum. These units have a Polypropylene housing with a porous Polyethylene filter. They can be used to protect vacuum pump switches and valves from contamination. Also, units are available with a 1/8 inch barb or with a male luer fitting on each end, measuring 2.4 inches in length and .75 inch in diameter. Filters are available with 10 or 25-micron filters. In addition, the recommended working pressure is 65 psi.

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SKU	Description
FV-2B-10	1/8 inch Barb 10 Micron Vacuum Filter
FV-2B-25	1/8 inch Barb 25 Micron Vacuum Filter
FV-ML-10	Male Luer 10 Micron Vacuum Filter
FV-ML-25	Male Luer 25 Micron Vacuum Filter



## IFA SERIES

The IFA Series Gray Polycarbonate Filters have a 304 Stainless Steel screen. 5, 40, or 80 microns standard. Optional 100 microns.

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SKU	Description
IFA-1B-40	1/16 inch Barb Gray Filter 40 Micron Polycarbonate
IFA-1B-5	1/16 inch Barb Gray Filter 5 Micron Polycarbonate
IFA-1B-80	1/16 inch Barb 304 Stainless Steel Filter 80 Micron
IFA-2B-40	1/8 inch Barb Gray Filter 40 Micron Polycarbonate
IFA-2B-5	1/8 inch Barb 304 Stainless Steel Filter 5 Micron

## IF-IG SERIES

The IF-IG Series Polysulfone Filters have a 316 Stainless Steel Filter screen in 5, 25, 43, or 75 microns. Units are over one inch in length. The maximum operating pressure is 125 psi. Filters can be passivated.




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SKU	Description
IF-IG-1B-25	1/16 inch Barb Polysulfone, 25 Micron
IF-IG-1B-43	1/16 inch Barb Polysulfone, 43 Micron
IF-IG-1B-5	1/16 inch Barb Polysulfone, 5 Micron
IF-IG-1B-73	1/16 inch Barb Polysulfone, 73 Micron
IF-IG-2B-25	1/8 inch Barb Polysulfone, 25 Micron
IF-IG-2B-43	1/8 inch Barb Polysulfone, 43 Micron
IF-IG-2B-5	1/8 inch Barb Polysulfone, 5 Micron
IF-IG-2B-73	1/8 inch Barb Polysulfone, 73 Micron

## WPF SERIES | PLASTIC INLINE FILTERS



Manufactured by **Pneuline Supply**, the **WPF Series Filters** are tailored to meet **custom specifications per customer requirements**, ensuring optimal filtration for laboratory, medical, and industrial applications.

### Versatile Connector Choices for Seamless Integration

The WPF Series Filters come equipped with **barbed connectors**, available in multiple configurations:

- **1/8, 3/16, 1/4, 5/16, and 3/8-inch barbs**
- **Male and Female Luer fittings**, designed to mix and match seamlessly with **barbed connectors or opposing luer fittings**
- **ISO 594-compatible luer connections**, ensuring universal compatibility across various fluid transfer applications

### Durable Filter Housings for Long-Lasting Performance

To accommodate diverse environmental and chemical resistance needs, our filter housings are available in **high-performance materials**, including:

- **Polypropylene** – Chemical-resistant and lightweight
- **Polycarbonate** – Transparent for easy inspection
- **Nylon** – Durable and abrasion-resistant
- **Acetal** – High mechanical strength and dimensional stability
- **PVDF** – Excellent chemical and thermal resistance

### Superior Filtration Options—Tailored to Your Needs

Operating at **50 PSI**, the WPF Series incorporates a **flat filter welded into the housing**, available in a variety of materials and micron ratings:

#### Fabric Filters (Polyester & Polypropylene)

Offering **optional PTFE or PVDF upgrades**, these filters ensure highly efficient particle retention with sizes ranging from:

- **5, 10, 20, 44, 64, 75, 105, 150, 177, 200, and 250 microns**

#### Porous High-Density Polyethylene Filters

With a **hydrophobic nature**, these filters effectively **block most fluids**, ensuring optimal separation. Available sizes include:

- **15-45 microns**
- **45-90 microns**
- **90-160 microns**

#### Stainless Steel Filters—For Maximum Durability

Available in **304 and 316L stainless steel**, offering superior filtration strength and longevity.

- **304 Stainless Steel:**
- **61 microns (250 mesh)**

- 74 microns (200 mesh)
- 103 microns (150 mesh)
- 149 microns (100 mesh)

**316L Stainless Steel:**

- 44 microns

Optimize your filtration system with **Pneuline Supply's WPF Series Filters**—engineered for efficiency, built for excellence. Contact us today to customize your order and elevate your fluid control solutions!

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SKU	Description	Body Material Option	Filter Size and Material
			150 Micron Kynar
			75 Micron Nylon
			150 Micron Polypropylene
			177 Micron Polypropylene
			5 Micron Polyester (MediFab Available)
			10 Micron Polyester
			20 Micron Polyester
			30 Micron Polyester
			65 Micron Polyester
			73 Micron Polyester
			105 Micron Polyester
		Acetal (Black Available)	130 Micron Polyester
		Nylon (Black Available)	150 Micron Polyester
WPF-2B-(BODY)-(FILTER)	1/8" Barbed Plastic Filter (BODY) (FILTER)	Polypropylene	180 Micron Polyester
		Kynar®	250 Micron Polyester
		Polycarbonate	1000 Micron Polyester
			55 Micron Stainless Steel
			61 Micron Stainless Steel
			74 Micron Stainless Steel
			103 Micron Stainless Steel
			149 Micron Stainless Steel
			150 Micron Stainless Steel
			250 Micron Stainless Steel

SKU	Description	Body Material Option	Filter Size and Material
			150 Micron Kynar
			75 Micron Nylon
			150 Micron Polypropylene
			177 Micron Polypropylene
			5 Micron Polyester (MediFab Available)
			10 Micron Polyester
			20 Micron Polyester
			30 Micron Polyester
			65 Micron Polyester
			73 Micron Polyester
			105 Micron Polyester
			130 Micron Polyester
		Acetal (Black Available)	150 Micron Polyester
	3/16" Barbed Plastic Filter	Nylon (Black Available)	180 Micron Polyester
WPF-3B-(BODY)-(FILTER)	(BODY) (FILTER)	Polypropylene	250 Micron Polyester
		Kynar®	1000 Micron Polyester
		Polycarbonate	55 Micron Stainless Steel
			61 Micron Stainless Steel
			74 Micron Stainless Steel
			103 Micron Stainless Steel
			149 Micron Stainless Steel
			150 Micron Stainless Steel
			250 Micron Stainless Steel

SKU	Description	Body Material Option	Filter Size and Material
			150 Micron Kynar
			75 Micron Nylon
			150 Micron Polypropylene
			177 Micron Polypropylene
			5 Micron Polyester (MediFab Available)
			10 Micron Polyester
			20 Micron Polyester
			30 Micron Polyester
			65 Micron Polyester
			73 Micron Polyester
			105 Micron Polyester
		Acetal (Black Available)	130 Micron Polyester
		Nylon (Black Available)	150 Micron Polyester
WPF-4B-(BODY)-(FILTER)	1/4" Barbed Plastic Filter (BODY) (FILTER)	Polypropylene	180 Micron Polyester
		Kynar®	250 Micron Polyester
		Polycarbonate	1000 Micron Polyester
			55 Micron Stainless Steel
			61 Micron Stainless Steel
			74 Micron Stainless Steel
			103 Micron Stainless Steel
			149 Micron Stainless Steel
			150 Micron Stainless Steel
			250 Micron Stainless Steel

SKU	Description	Body Material Option	Filter Size and Material
			150 Micron Kynar
			75 Micron Nylon
			150 Micron Polypropylene
			177 Micron Polypropylene
			5 Micron Polyester (MediFab Available)
			10 Micron Polyester
			20 Micron Polyester
			30 Micron Polyester
			65 Micron Polyester
			73 Micron Polyester
			105 Micron Polyester
			130 Micron Polyester
		Acetal (Black Available)	150 Micron Polyester
	5/16" Barbed	Nylon (Black Available)	180 Micron Polyester
WPF-5B-(BODY)-(FILTER)	Plastic Filter (BODY) (FILTER)	Polypropylene	250 Micron Polyester
		Kynar®	1000 Micron Polyester
		Polycarbonate	55 Micron Stainless Steel
			61 Micron Stainless Steel
			74 Micron Stainless Steel
			103 Micron Stainless Steel
			149 Micron Stainless Steel
			150 Micron Stainless Steel
			250 Micron Stainless Steel