



## **PLASTIC FILTERS**

Plastic Filters can be used for liquids and air/gas filtration and come in a variety of sizes, materials, and types. Bowl filters, pickup filters, and inline filters are all available. Our custom manufactured filters are available in a variety of different plastic materials, filter media and connections for instrumentation, labs, and medical devices.



## 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.

### WPF SERIES | PLASTIC INLINE FILTERS



#### Plastic Inline Filters

WPF Series Filters are manufactured in-house to custom specification per customer requirements. Barbed and Luer connectors are available in various combinations such as...  
- 1/8, 3/16, 1/4, 5/16, and 3/8 barbs. Male and Female Luers available. Our luer end can connect to any of the barb connections. Used for lab applications, medical applications, industrial products.

Filter Housings can be made from various materials such as:- Polypropylene, Polycarbonate, Nylon, Acetal, and PVDF

Operating Pressure is 50 PSI This series has a flat filter welded into the housing which are available in several different filter medias.

#### -Fabric

- Available in Polyester or Polypropylene fabric (PTFE or PVDF optional)
- Sizes include: 5, 10, 20, 44, 64, 75, 105, 150, 177, 200, 250 microns

## -Porous high density poethylene

- Hydrophobic in nature, therefor blocking most fluids
- Sizes include: 15-45, 45-90, and 90-160 microns

## -Stainless steel

- Two grades available: 304 and 316L
- 304 is available in 61 micron(app 250 mesh), 74 micron(app 200 mesh), 103 micron(150 mesh), and 149 micron(100 mesh)
- 316SS available in 44 micron

Contact us for other available mesh sizes for special order.

[Download](#) the WPF Series Flyer

SKU	Description
WPF-2B-BKAC-45 HDPE	1/8 inch Barbed BK Acetal 45 HDPE In-Line Filter
WPF-2B-BKAC-80SS	1/8 inch Barbed BK Acetal 80 Mesh 304 In-Line Filter
WPF-2B-N	1/8 inch Barbed Nylon In-Line Filter
WPF-2B-N-10	1/8 inch Barbed 10 Micron Nylon Filter
WPF-2B-P-105	1/8 inch Barbed 105 Micron Polypropylene Filter
WPF-2B-PC-45PE	1/8 inch Barbed Polycarbonate with 45 micron Polyester filter
WPF-2B-PC-5PE	1/8 inch Barbed Polycarbonate with 5 Micron Polyester filter
WPF-2B-PC-20N	1/8 inch Barbed Polycarbonate with 20 Micron Nylon In-Line Filter
WPF-2B-PC-30N	1/8 inch Barbed Polycarbonate with 30 Micron Nylon In-Line Filter
WPF-2B-NK-45 PE Medifab	1/8 inch Barbed PVDF 45 micron Medifab Filter
WPF-3B-N-30	3/16 inch Barbed 30 Micron Nylon Filter
WPF-3B-P	3/16 inch Barbed Polypropylene Filter
WPF-3B-P-130	3/16 inch Barbed 130 Micron Polypropylene Filter
WPF-3B-PC-200PE	3/16 inch Barbed with 200 Micron Polycarbonate Filter
WPF-3B-PVDF-250	3/16 inch Barbed 250 Micron PVDF Filter
WPF-4BHF-N-75N	1/4 inch High Flow Barbed Nylon with 75 Micron Filter
WPF-4BHF-PC-200PE	1/4 inch High Flow Barbed Polycarbonate with 200 Filter
WPF-4B-K-200SS	1/4 inch Barbed PVDF with 200 Micron Stainless Steel Filter
WPF-4B-K-250SS	1/4 inch Barbed PVDF with 250 Micron Stainless Steel Filter
WPF-4B-N-48	1/4 inch Barbed 48 Micron Nylon Filter
WPF-4B-P-149	1/4 inch Barbed 149 Micron Polypropylene Filter
WPF-4B-PVDF-250	1/4 inch Barbed 250 Micron PVDF Filter
<b>WPF-FLLMLLR-PC-200PE</b>	<b>Female to Male Luer, Polycarbonate, 200 Micron Polyester</b>



MHF INLINE FILTER

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

SKU	Definition
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



IFF-F DISPOSABLE INLINE FILTERS & ADSORBERS

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 particle. 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 accepts 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 hydrocabons, or oil activated dye (AO) to indicate oil. 1/8 inch barbs or 1/8, 3/32 inch elbows available.

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

IFA SERIES



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

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 POLYSULFONE FILTER



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.

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

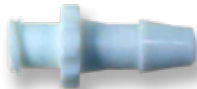


FV INLINE FILTER

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 pumps and switches and valves from contamination. Units are available with a 1/8 inch barb or with a male luer fitting on each end, measuring 2.4 inch in length and .75 inch in diameter. Filters are available with 10 or 25 micron filters. The recommended working pressure is 65 psi.

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

FLLB SERIES



Our FLLB Series female luers are available with 1/16 inch, 3/32 inch, and 1/8 inch barbed fittings. Nylon fittings with Nylon filters have 10, 30, 48, 70, 100, 140 or 190 micron. Polypropylene Luers Have Polypropylene filters of 105 or 150 micron. PVDF Luers come PTFE filters 70 or 150 micron.

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

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. Operating temperature is 40°F to 120°F. These filters are disposable and have a low pressure drop.

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



FACL SERIES

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.



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.

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



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