



PRODUCT RANGE

Filter Housings for Particulate & Coalescing
High Efficiency Filter Elements
Hydrophobic PTFE Membranes



Classic
FILTERS

Classic Filters produce filter housings and elements for a wide range of industries and applications.

Here we present overview of the types of filter housing and elements available from stock. Our huge range of designs, sizes and pressure ranges give flexibility when specifying a filter housing and element to ensure the correct solution for your filtration application.

Stainless Steel Filter Housings

SS Series

316L stainless steel filter housings for coalescing and particulate applications. From 10 bar to 1400 bar. Ports from 1/8" to 2".



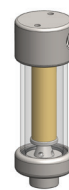
SiS & SeS Series

316L stainless steel filter housings for coalescing and particulate applications with a DPI. From 100 bar to 1050 bar. Ports from 1/8" to 2"



SG Series

316L stainless steel filter housings with Pyrex glass bowl for coalescing and particulate applications up to 7 bar. Ports from 1/8" to 1".



SV Series

316L stainless steel filter inverted housings for easy-service coalescing applications. up to 350 bar. Ports from 1/8" to 1/2"



SH Series (SP76)

316L stainless steel filter housings for SP76 modular coalescing and particulate applications up to 350 bar.



SF Series

316L stainless steel filter housings for fast loop/bypass applications from 100 bar to 350 bar from stock. Ports from 1/8" to 1"



SL Series

316L stainless steel in-line filter housings for particulate applications. up to 350 bar. Ports from 1/8" to 1"



HST & HSR Series

316L stainless steel filter housings for heated particulate applications. Side ports 1/8" to 1/2". Up to 7 bar.



HRT & HSS Series

316L stainless steel filter housings for heated particulate applications. End ports 1/4". Up to 7 bar.



SO Series

316L stainless steel filter housings for end-of-line inlet particulate applications. Ports from 1/8" to 1/2"



SE Series

316L stainless steel filter housings for end-of-line inlet particulate applications. Ports from 1/8" to 1/2"



SW Series

316L stainless steel housings with 'cyclone' filter disc. for up to 100 bar . Ports 1/4" and 1/2".



PTFE-Membrane Housings

SM Series

316L stainless steel housings with PTFE membranes. 10 bar to 200 bar from stock. Ports from 1/8" to 1/2".



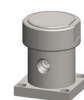
SM Series (Combination)

316L stainless steel housings with PTFE membranes and filter element. Up to 100 bar . Ports from 1/8" to 1/2".



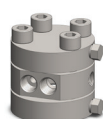
SM Series (SP76)

316L stainless steel housings with PTFE membranes for SP76 modular applications. 100 bar.



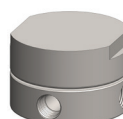
STM Series

316L stainless steel housings with twin PTFE membranes. 10 bar to 200 bar from stock. Ports from 1/8" to 1/2".



SML Series

316L stainless steel housings with PTFE membranes for liquid/liquid separation. Up to 100 bar . Ports from 1/8" to 1/2".



Did you know...

We operate to ISO 9001: 2008 and PED 97/23/EC so all our filter housings have CE marks where required.

Stainless Steel Drains

DS Series

316L stainless steel drain vessels for coalescing applications. From 10 bar to 100 bar. Ports 1/8" and 1/4".



SG Series

316L stainless steel drain vessels with Pyrex glass bowl for coalescing applications. For 7 bar. Ports 1/8" to 1/4".



DN Series

316L stainless steel automatic drain with plastic float for coalescing applications. Up to 16 bar. Ports 1/8" or 1/4"



DF Series

316L stainless steel automatic drain with all SS internals for coalescing applications. Up to 100 bar. Ports 1/8" to 1/2"



Did you know...

As well as the standard material types shown we can also supply filter housings in a wide range of exotic materials including, Hastelloy, Monel, Inconel, Titanium, Duplex and Super Duplex. As well as other materials such as 303 and 304 stainless steel brass and carbon steel too.

Aluminium Housings

AN Series

Aluminium filter housings with clear bowl for coalescing and particulate applications. 10 bar. Ports from 1/8" to 1/2".



AiN Series

Aluminium filter housings with DPI for coalescing and particulate applications. 10 bar. Ports from 1/8" to 1/2".



AA Series

Aluminium filter housings for coalescing and particulate applications. 16 and 34 bar. Ports from 1/8" to 1/2".



AiA Series

Aluminium filter housings with DPI for coalescing and particulate applications up to 16 bar. Ports from 1/8" to 1/2".



AO Series

Aluminium filter housings for end-of-line inlet particulate applications. Ports from 1/8" to 1/2"



AE Series

Aluminium filter housings for end-of-line inlet particulate applications. Ports from 1/8" to 1/2"



Plastic Housings

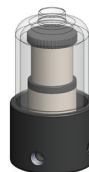
NN Series

Nylon filter housings with clear bowl for coalescing and particulate applications. 10 bar. Ports from 1/8" to 1/2".



NNS Series

Inverted easy-service filter housings with twin elements for coalescing and particulate applications. 7 bar. Ports 1/8" and 1/4".



NT Series

Twin filter housings in Nylon with elements for coalescing and particulate applications. 7 bar. Ports 1/8" and 1/4".



NL Series

Twin filter housings in Nylon with elements for coalescing and particulate applications. 7 bar. Ports 1/8" and 1/4".



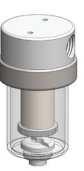
FF Series

PTFE filter housings for coalescing and particulate applications up to 7 bar. Ports from 1/8" to 1/2".



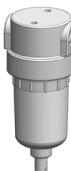
FG Series

PTFE filter housings with Pyrex glass bowl for coalescing and particulate applications up to 7 bar. Ports from 1/8" to 1/2".



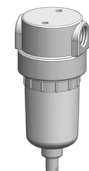
PP Series

Polypropylene filter housings for coalescing and particulate applications. up to 7 bar. Ports from 1/8" to 1/2".



KK Series

PVDF filter housings for coalescing and particulate applications up to 7 bar. Ports from 1/8" to 1/2".



Did you know...

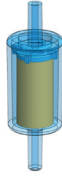
We can design and manufacture custom housings.

Let us know what you need.

Disposable In-Line Filters & Adsorbers

DIF

Disposable In-Line Filters (DIF) are available in two sizes with a Nylon or PVDF body. The housings are permanently welded to encapsulate the filter element.



DIA

Disposable In-Line Adsorbers (DIA) are available in two sizes with a Nylon or PVDF body. The housings are permanently welded with the adsorber media and integral filter pads at each end.



Disposable Bonded Microfibre Filter Elements

Particulate

Disposable bonded microfibre elements are self-sealing so do not require end caps and seals. Elements are sealed with axial compression.



Coalescing

Two layer bonded microfibre construction for fine capture of aerosols and droplets and efficient drainage of liquids

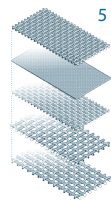


Binders Disposable bonded microfibre elements are produced with a number of different binders to suit many applications. Binders include epoxy ester, PVDF, silica, and silicone.

Grades Various grades are available and disposable bonded microfibre elements will remove 0.1 micron aerosols and particles with efficiencies ranging from +75% to +99.99998% - essentially complete removal of submicron particles.

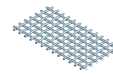
Stainless Steel Filter Elements

Stainless steel filter elements are made up of five layers of 316 mesh sintered together to form an integrated porous element. The middle mesh is very fine and determines the filtration rates, this layer is then overlaid with inner & outer layers of coarser mesh to give support. Grades range from 1 micron to 400 micron.



5 Layers of SS Mesh

Single Layer SS Mesh



Single layer woven wire mesh elements are ideal for applications where a low cost stainless steel filter element alternative is required.

PTFE & PE Filter Elements

PTFE filter elements are produced by sintering pure PTFE granules. These can be supplied in our standard sizes or special sizes to suit your application. Grades 2 micron and 20 micron. PE elements can be supplied in grades from 2 micron to 100 micron.

Special Size Filter Elements

Special size filter elements can also be manufactured in a wide range of different diameters and lengths.

• **Inside Diameters - 7mm to 150mm**

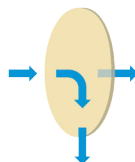
• **Lengths - up to 1000mm**

Please enquire with any specific requirements.

PTFE Membranes

Separate Liquids from Gases

The hydrophobic and oleophobic nature of the PTFE membranes ensures small aerosols and droplet cannot pass through the membrane.



Separate Two Liquids

Using a special flow path contact is increased to allow time for the separation of water from liquid hydrocarbon steams.



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