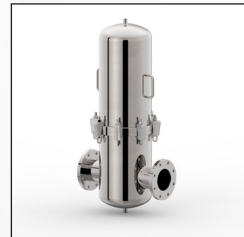


# Industry Standard Filtration Solutions

Materials and products for applications  
in filtration and separation



### Porvair Filtration Group

**Porvair Filtration Group** is an international leader in the development and supply of materials and products for applications in filtration and separation.

**Porvair** manufactures in the UK, USA and China, and has an extensive network of sales offices and distribution channels throughout the World. Our expertise is wide and varied, with products used in markets such as:

- Aerospace and Defence
- Food and Beverage
- Gasification
- Microelectronics
- Nuclear
- Oil and gas
- Pharmaceutical
- Porous Media and OEM Materials
- Printing
- Process
- Transportation
- Water

Our ongoing success is based on a dedication to technical excellence and exceptional customer service. Our future will continue to be built on our investment in research and development to provide innovative new products that exceed the expectations of our customers in solving the challenges they face.

**Porvair Filtration Group** has a policy of continuous improvement in all areas of its business. Listening to the customers' present and future requirements is a vital part of our operations and a key part of driving change.

We understand that product development involves building multidisciplinary teams, not only within the company, but often in partnership with our customers, improving project efficiency and ensuring complete customer satisfaction. This continuous development of products and materials is vital to enable us to offer new and better solutions to applications.

We have a dedicated team of scientists, engineers, production and quality professionals working towards the best possible filtration solutions for our customers.

Quality is at the heart of every stage of our operation and a fundamental part of our culture. We are ISO9001 approved at a number of our manufacturing facilities and hold many other accreditations for the various industries we serve.



## Cartridge Filters

We manufacture a range of disposable polymeric filters up to 6" in diameter, in the following materials:

- Polypropylene
- Polyether sulfone
- ePTFE membrane
- All PTFE for semiconductor and aggressive chemical applications
- PFA (Perfluoro alkoxy)
- Nylon 66
- Micro glass fibre.

For use within the following industries:

- Biopharmaceutical
- Food and Beverage
- Industrial and Chemical Process
- Printing



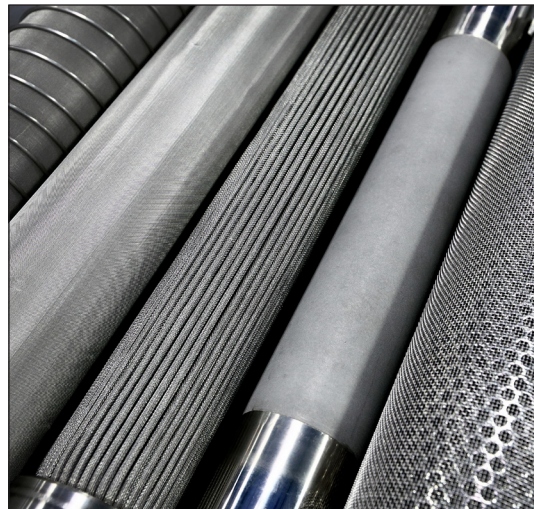
## Metallic Filters

Our Sinterflo® sintered porous metal materials are ideal for applications that involve aggressive chemical environments, high temperatures and high pressures.

- Sinterflo® F Sintered Metal Fibre
- Sinterflo® FMC Sintered Fibre Mesh Composite
- Sinterflo® M Sintered Metal Mesh
- Sinterflo® MC Metal Mesh Composite
- Sinterflo® P Sintered Metal Powder

Our range of metallic products includes:

- Filter elements and cartridges
- Candle filters
- Leaf disc filters



## Capsule and In-Line Filters

We manufacture a range of capsule and in-line filters suitable for industrial and sanitary applications.

These filters exhibit a range of different properties and are used within many industries including pharmaceutical, inkjet, water and chemical processes. Our capsules are self-contained, ready to use, disposable devices.

Available in a wide range of media and connector configurations to suit different systems.





## Porvair Filtration Group

### Filter Housings

#### Stainless Steel Housings

We manufacture a full range of stainless steel industrial and sanitary housings, available from 10 to 20bar (145 to 290psi), for both single and multi-elements configurations to suit every application.

#### Plastic Housings

Our plastic filter housings are ideal for use within a wide range of industries where filtered liquids must remain free of contamination. These housings are particularly effective in the process water, food and beverage and chemical processing industries.



### High Purity Filters

These products are employed to ensure extreme cleanliness in critical semiconductor and microelectronics gas-handling and delivery applications.

#### GasPro™ Gas Handling

- Gas safety management
- Exhaust venting systems
- Flow control
- Needle valve replacement
- Laminar flow diffusing
- Pressure snubbing
- Flame arresting.

#### LiquiPro™ High Purity Chemical Filtration

- CMP
- PVD copper plating
- Wet etch clean
- Photolitho
- Final Cleaning and DI Water filtration
- Plating, Etching, Stripper chemicals
- Chemicals of acid, bases and solvents
- Engineering or Equipment companies requiring cartridge housings.

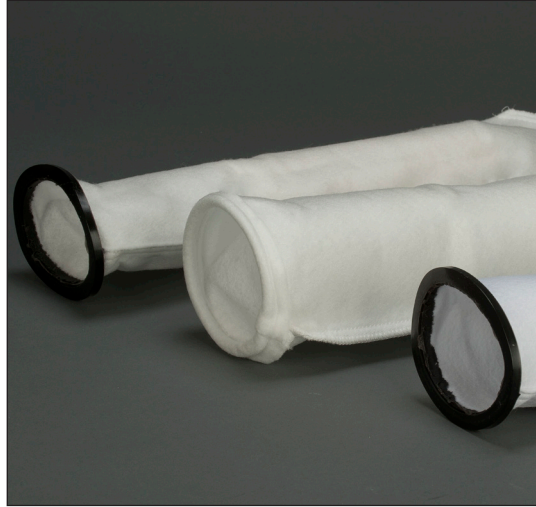


## Bag Filters

We manufacture a range of bag filters and complimentary housings to suit a wide range of process applications.

Typical applications include:

- Food and Beverage
- General Industrial and Process Water Prefiltration
- Fine Chemicals (polypropylene housings)
- Coatings



## Compressed Air Housings and Filters

We supply a range of products for the filtration of compressed air and steam.

This range includes sterile air filtration and covers many industrial processes for the removal of particulates from compressed gas and air streams.

Manufactured using the best materials to the highest standards, our Compfil™ range of compressed air filters provides a comprehensive solution for your compressed air and culinary steam filtration needs.



## Custom Engineered Solutions

As an engineering company, we are able to take an application from an initial discussion to a fully optimised solution; meeting material, code and technical requirements and providing a complete solution to a specific problem.

Porvair has the capability to provide everything from a single, specialised retrofit element to a complete, packaged system to meet the precise needs of a complex application, together with on-site support and a complete after sales service. In addition to our acknowledged leadership in both engineering and quality, we also have the capability to offer the services of our extensive laboratory, development and testing facilities.





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