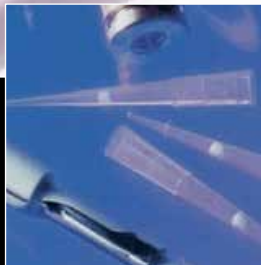


# Manufacturing for Life Science OEMs

Excellence in separation materials  
and technology engineering



## OEM Partnering and Product Development

**Porvair Filtration Group** offers OEM partnering and manufacturing capabilities combining material science and engineering know-how. Using state-of-the-art design systems and in-house manufacturing, OEM requirements are project managed for delivery on time and within budget.

As a leader in filtration and separation solutions, **Porvair** provides customers with sintered porous materials and engineered devices for applications in diagnostics, healthcare, analytical and biopharmaceuticals.

Our core competencies are:

### **Material selection and manufacturing**

Our experience in separation and filtration materials, fluid/gas dynamics and manufacturing ensures fit-for-purpose materials and fabricated products.

### **Design and engineering**

Our strength in engineering design provides device platforms that give optimum separation, concentration or detection bespoke to your application.

### **Project management**

Our understanding of your regulatory requirements, deliverables and time-scales means your product will meet market demand, placing you ahead of the competition.

### **Quality and reliability**

Our high expectations for quality, coupled with our commitment to continuous improvement, assures you that our raw materials are carefully selected and our manufacturing processes are optimally controlled to cGMP standards.

## Applications

Partnering the right science with the right technology comes through understanding your application, performance needs and regulatory requirements.

Our array of expertise enables us to work in challenging environments with diverse applications including:

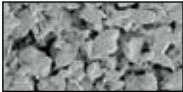
- **Healthcare**
  - Bone cement filters
  - Catheter vents
  - Syringe vents
  - Urine bag vents
  - Diagnostic test wicks
  - In-line filters
  - Medical gas filters.
- **Pharmaceutical**
  - Packaging bottle vents
  - Chemical emanators
  - Powder handling
  - Process Chromatography columns.
- **Analytical**
  - Pipette tip filters
  - Microtitre plate filters
  - Solid Phase Extraction (SPE) columns
  - Water purification.



## Selecting your material

**Porvair** offer a range of filtration, separation and purification materials, standard or customised, to optimise your product performance. We see our partners as key to the development of new materials and strive to fulfil your needs.

Our core materials are:



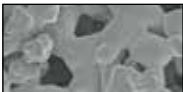
### Sinterflo® sintered porous metal powder materials

Predominantly stainless steel and bronze materials.



### Sinterflo® sintered porous metal mesh materials

Multilayer stainless steel mesh materials.



### Vyon® sintered porous plastic materials

Predominantly polyethylene and polypropylene materials.



### BioVyon™ sintered porous plastic materials

Specialised **Vyon**® materials manufactured for applications in the life science markets.



## Engineering your design

Brainstorming is our forte. Through constant liaison with you, the customer, our team of Research and Development scientists and engineers will understand your needs to create the best product for your application. Using the latest engineering tools of 3D AutoCAD® combined with dedicated testing, development and laboratory capabilities, we are able to supply filtration and separation solutions to a wide variety of pharmaceutical, healthcare and biomedical applications.

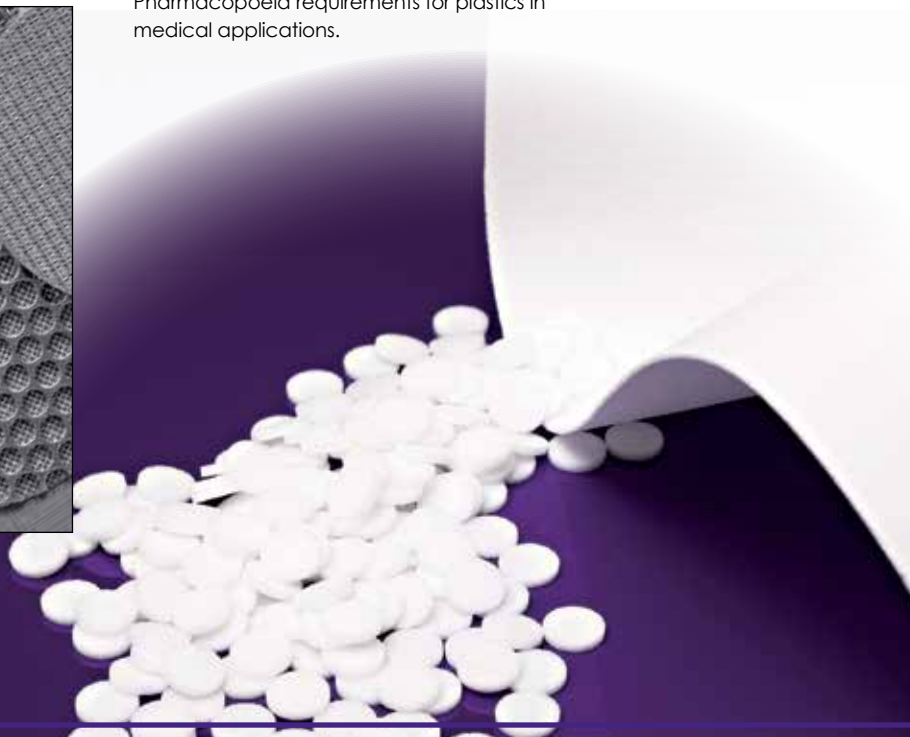
## Delivering as planned

Led by a competent project manager our collaboration with you will develop from a comprehensive proposal to proof of concept, prototyping, validation and manufacturing.

Throughout the process the channels of communication are open ensuring that the project is delivered as planned.

## Quality throughout

Manufacturing excellence is achieved through stringent regulatory compliance. Committed to continual improvement, **Porvair** is ISO 9001 accredited and manufactures to cGMP requirements. Our materials meet USP Class VI requirements for biocompatibility, are non-cytotoxic in accordance with ISO and USP standards and comply with the European Pharmacopoeia requirements for plastics in medical applications.





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