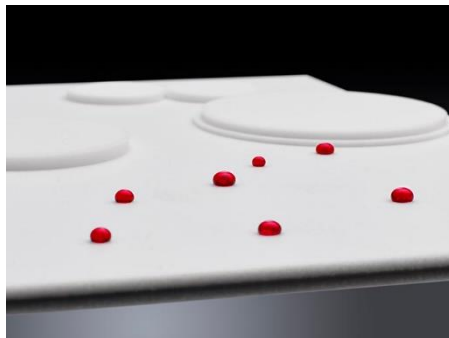


### *Porous PTFE Components for Demanding Applications*

Specialists in innovative porous plastics technologies – **Porvair Sciences** has introduced a new range of **Vyon® PTFE porous plastic materials** for applications where temperature or chemical resistance is important.



#### **Vyon® PTFE is a unique,**

high-performance porous plastic material manufactured from 100% pure polytetrafluoroethylene. Through sintering, Porvair produce porous PTFE structures composed of tortuous interconnected pathways with minimal dead-end pores. Combining the unique porous structure and tight pore distribution, Vyon® PTFE offers enhanced controlled flow of liquids and gases making it ideal for filtration, separation, and retention of biological and chemical materials.

#### **Developed**

to cope with the most demanding applications, Vyon® PTFE is extremely durable offering superior chemical resistance to most aggressive media and corrosive solvents. In addition, Vyon® PTFE components are temperature resistant up to 260°C, naturally hydrophobic, exhibit minimal flex fatigue and contaminants do not easily adhere to components made from this advanced engineering plastic.

#### **Sheets of advanced Vyon® PTFE plastic materials**

can be manufactured into a variety of shapes and sizes to suit your specific application. Tightly controlled manufacturing processes ensure that Vyon® PTFE porous plastic components for your product are produced with consistent, reproducible, and controlled critical properties such as thickness, diameter, and porosity.

#### **Vyon PTFE**

is a naturally hydrophobic porous plastic that is ideal for applications such as chromatographic separations where longer term solvent impermeability (e.g., acetonitrile can be held up for 24hrs) is important.

#### **For further information**

about Vyon® PTFE please visit <https://www.vyonporousplastics.com/draft/vyon-polytetrafluoroethylene-ptfe/> or contact Porvair Sciences Ltd on +44-1978-661144 / [enquiries@porvairsciences.com](mailto:enquiries@porvairsciences.com).

#### **Visitors to COMPAMED 2022**

in Dusseldorf, Germany (14 - 17th November) will be able to discuss Vyon® porous plastics and how they can improve your product performance with our experts on stand F08 in Hall 8a.



**Porvair Sciences Ltd.**

are global leaders and original manufacturers and developers of innovative porous plastics technologies. With patents dating back to the 1950's, our Vyon® porous plastics continue to evolve, adapt, and respond to changes in technologies, markets, and customer needs. Empowered by over 50 years of industrial experience, we strive to continue delivering world class, high performing products while providing superior customer service, every step of the way. Our diverse team of scientists, engineers and creative thinkers are committed to providing expert solutions that brings value and integrity to our customers.

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