

[Vyon Porous Plastic Specialize in the Filtration and Separation of materials for Biotechnology, pharmaceutical and life science industries](#)



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[Vyon Porous Plastic](#) Specialize in the Filtration and Separation of materials for biotechnology, pharmaceutical and life science industries. Vyon Porous Plastic is owned by Porvair Sciences, who are the global leaders in the manufacturing and development of cutting-edge porous plastics technologies.

As mentioned, their speciality lies in the filtration and separation of materials for biotechnology, pharmaceutical and life science industries, and they also deliver bespoke design and engineering expertise for a wide range of products and applications.

[Vyon](#)[®] sintered particle porous materials are manufactured from virgin grade polymers which are covered by EU and US food and pharmaceutical regulatory requirements.

With their unique manufacturing conditions, Vyon[®] have developed a core material in response to industry demands for higher technical specifications and physical-chemical properties.

The lightweight and versatile Vyon[®] [porous plastics](#) are available in a variety of different thermoplastic base materials. According to Porvair Sciences, the professionals have the expertise and knowledge to 'create Vyon[®] materials to tight customer specifications, controlled pore sizes and the highest of quality standards.'

The most common raw materials which Porvair develop include the Vyon[®] materials from the list below.

Porvair Sciences, the owner of [Vyon Plastic](#), has an immense amount of knowledge on how to manufacture exceptional porous plastics. Through their varied and advanced manufacturing capabilities, they can support their customers with a variety of different product options.

These options include the following: Vyon sheet and roll

Vyon Cut Discs

Vyon Punched Parts

Vyon Mouldings

Vyon Machined Shapes

Vyon Fabrications

The Vyon sheet and roll materials have been manufactured at our site in the UK for over 50 years to the highest of quality standards. Our rolls and sheets can be manufactured in widths over 1050mm wide to lengths bespoke to our customer requirements.

This is a standard product range of Vyon[®] sheets, which offers 1m x 1m sizes in the majority of our



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materials. Sheets can also be cut down to size or welded together to meet customer requested dimensions.

The Vyon Cut Discs is one of the many conversion techniques that Vyon Porous Plastic use. It is a unique rotary cutting process by using single and multi-impression cutters Vyon can efficiently convert Vyon® [porous plastic](#) rolls into discs and washers.

This versatile approach means they can offer rotary cut products in diameters ranging from 3mm to 100mm using any of our Vyon® roll materials up to 4.75mm thick. Our rotary cut discs have excellent edge finish, which, along with their rigid material properties, makes them ideal in automated product assemblies.

It is no surprise that Porvair Sciences is the leading expert in converting Vyon® porous plastic sheets and rolls into final shapes. Complex flat shapes, which cannot be rotary cut, can still be expertly manufactured at Porvair Sciences.

When it comes to media support, their porous plastic technologies are the leading choice for applications in process and flash chromatography and SPE markets.

If you are interested in Vyon and their porous plastic, then you should go online and fill in their online form with your query or question you may have. A member of the sales team and support team will get back to you as soon as possible. Or you can call Porvair Sciences directly at +44 (0)1978 661144. In the meantime, you can go online to <https://www.vyonporousplastics.com/> and explore the range of manufacturing capabilities.

Source: <https://thenewsfront.com/vyon-porous-plastic-specialize-in-the-filtration-and-separation-of-materials-for-biotechnology-pharmaceutical-and-life-science-industries>

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