Porvair Sciences Offer a Range of Filter Plates for Filtration Applications

According to Porvair Sciences, filtration plates are used in their purest form to remove particulate matter from liquid. That means either the particulate matter or the filtrate is needed for further study.

As mentioned, Porvair Sciences has a range of filter plates, and they have optimised these filter plates for applications including cell harvesting, DNA separations, binding studies, plasmid isolation, general filtration and sample clean-up.

Porvair Sciences expertise and experience lies in polymer moulding, surface treatment, specialist assembly and a general understanding of life science applications which makes the company ideal for custom manufacture.

Porvair Sciences has a range of filter plates including 48-well microplates, filtration plates 96-well, 300µl, 96-well, 400µl, 96-well, 800µl, and 96-well, 2ml.

With the filtration Plates 96-well, 300µl, the product description details are as follows; 96 well polypropylene, 300uL Long drip Hydrophilic PVDF, mean pore size 0.45µm, and for the other products the Long drip options are polypropylene, glass fibre and the same with short drip options.

For the filtration plates 96-well, 400µl, Porvair Sciences has a range of filter plates to suit most filtration applications, including this range of 96-well, 400µl, microplates which contains a variety of polyethene filtration materials. Similarly, with the filtration plates 96-well, 2ml, there is a choice of glass fibre, nylon etc.

Porvair Sciences have made a vast improvement with filter plates for applications including ‘cell harvesting, DNA separations, binding studies, plasmid isolation, general filtration and sample clean-up.

According to Porvair Sciences, they have a long history of successfully helping customers develop new and innovative microtiter plates and equipment.

Porvair Sciences expertise in polymer moulding, surface treatment, specialist assembly and a general understanding of life science applications makes the company ideal for custom manufacture.

- Scientific instrument companies
- Pharmaceutical R&D laboratories
- Cell biology companies
- Compound library suppliers
- Diagnostic companies
- Military contractors
- Microarray research companies

Also, there are several techniques which Porvair Sciences use in the generation of custom products which include:

- Polymer ultrasonic welding
- Plasma surface treatment of polymers
- 'Two-shot' injection moulding
- Co-sintering of polymers/silicas

Some of their new plates the Porvair Sciences 96 well PP and PS plates have many key features and benefits. Firstly, they are made to the ANSI/SLAS standards, which is extremely important as this ensures compatibility with most readers/washers and automated equipment widely used by researchers.

Porvair Sciences manufacture assay microplates using highly polished tools to reduce flow lines, artefacts and scratches, guaranteeing excellent results with all types of bottom-reading instruments.

There is also no compromise in quality and rigidity, and the microplates are manufactured from virgin polypropylene and crystal polystyrene. The round or V bottom of the plates allows for more significant liquid removal and particulate collection, while the raised rims improve sealing and stop cross-contamination.

Contact https://www.microplates.com/storage-collection/ today if you require more information about filter plates for filtration applications. If you have any questions or queries, you can call +44 (0)1978 661144 or email patricia.deeside@gmail.com.

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