

PureFlow

Introducing **The PureFlow Cartridge Range** from Puresep. The clear choice for purity, long life and high efficiency.



As a production and process specialist, you need cartridge filters with long life, high efficiency and low operating cost, which is exactly why Puresep have developed the new PureFlow range of Cartridges.

Whatever your filtration or separation needs, you can rely on the extensive PureFlow range of cartridges to provide you with a proven and efficient solution. Modern manufacturing equipment is used to produce consistently efficient filters at low costs, that are engineered to meet the specific requirements of your application. This comprehensive range of filters can be used as prefilters, or final filters and are suitable for use in new installations or as replacement cartridges in existing systems. Every product supplied is quality control checked and meets the highest possible standards.

Benefits of the PureFlow Cartridge range:

- * Purity
- * Long service life
- * High efficiency filtration
- * Low Total operating cost
- * Technical Assistance
- * Local support and service

The PureFlow Depth Filter Cartridge Range

“PureFlow Depth filters demonstrate true graded depth filtration; the results are long filter service life therefore lower consumable costs”

The unique feature of the depth filter range requires a closer look inside; there you will see an innovative centre support structure known as the extruded core. This manufacturing method delivers a centre profile with high collapse strength making it suitable for many applications. Filter depth is not reduced as the extruded core replaces the injection moulded core normally found on other less efficient filters. The fibrous extruded core provides strength, tortuous depth

and thus greater dirt holding capacity. Three important features of the liquid clarification process.

The PureFlow melt blown cartridges have multiple fibre zones within. These zones provide a graded pore structure throughout the filter's depth. These are designed to capture and retain contaminants throughout the entire cross section of the filter. The multiple fibre zones gives the filter a major competitive advantage over other melt blown filters with fewer pore size gradients in their structures.

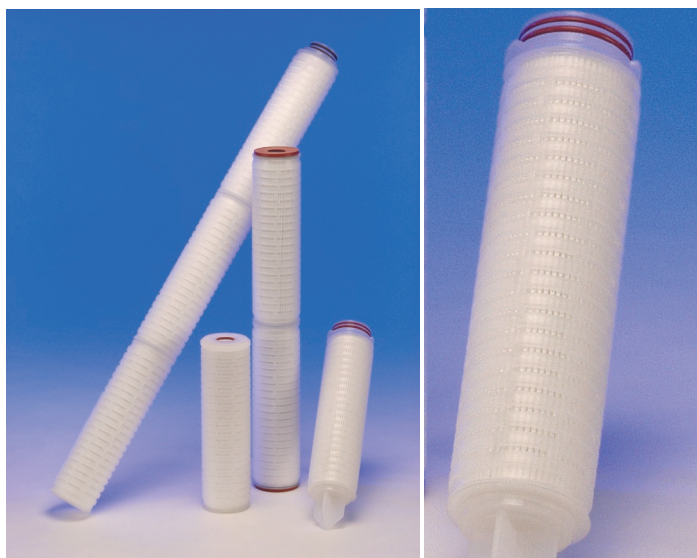


PURESEP
Filtration Technologies

The PureFlow Pleated Filter Cartridge Range

PureFlow pleated filters are designed to maximise dirt holding capacity and minimise pressure drop at high flow rates. The polyester media is bacteria and chemical resistant and has extremely high wet strength. The media is pleated around a polypropylene core for added strength and the ends are formed from thermo-setting vinyl plastisol. Embedding and sealing each end in this fashion fuses the components together and forms an integral end cap and gasket. The overlap seam is sonically welded to reduce by-pass and maintain filtration efficiency.

All pleated cartridges are manufactured under clean environmental conditions and to high standards of quality assurance. The absence of any adhesives results in low extractables and simplifies the assessment of chemical compatibility.



Whatever your need

Available in micron rating from 0.2 to 90 microns absolute and available in a range of industry standard lengths from 5 inches – 40 inches nominal with end fittings to suit most industry standard filter designs. This ensures that the cartridges can be easily and securely fitted into existing filtration systems. All cartridges are supplied with a set of seals or O-rings which can be selected according to compatibility.

Technical Service

Our filtration, separation and water treatment expertise is second to none. Different processes require different expertise. Puresep are proud to offer that expertise. From identifying the correct technology, installing new plant, through to bespoke service agreements, our solutions and onsite technical support is tailored to meet your needs and are delivered with first class customer service.

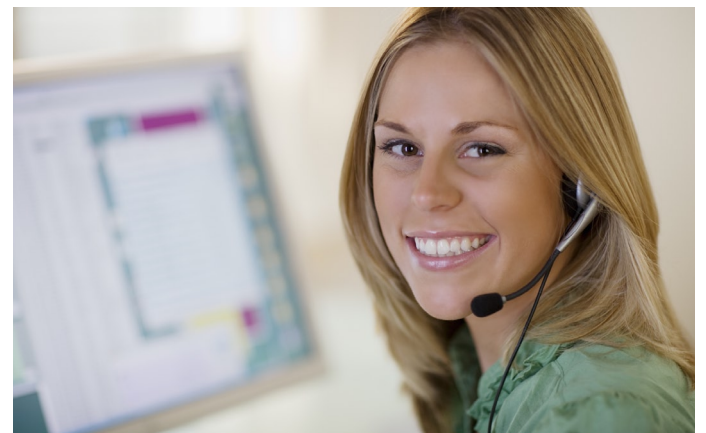
So, what's stopping you? The choice is clear

Why don't you enjoy a hassle free, no obligation trial!

To truly appreciate what these cartridges can achieve put them on trial in your application today. The benefits afforded by the graded density construction and extruded core will speak for themselves. Don't miss out on the benefits already being enjoyed by other production specialists.

About Puresep

Puresep Filtration has many years of experience in the manufacture, supply and service of filtration and separation equipment, spare parts and consumables, providing a comprehensive range of conventional and leading edge process filtration technologies, available as stand alone process plant or multi-stage process systems. Puresep's high level of competency in filtration and water processing technologies guarantees tailor made innovative solutions and ensures added value for our customers. Our detailed process knowledge facilitates a fast and efficient product and service supply optimal levels of safety, reliability, efficiency and product quality.



For further information contact us today.

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