

Filtration Science

Filtration is a science, it works to tolerances of as low as 0.04 micron but it sees stresses and strains difficult to imagine.

Imagine a fine matrix of fibres or a membrane, filtering below 0.02 micron (a hair is 40 micron), and then that filter must stand pressures of 60 psig without failing. It must stand temperatures often up to 140 deg C and withstand a wide range of chemicals.

Selection of filtration is "key" to any process and is often the only guarantee of final product quality. Filters assure good quality wine, then ensure drugs are safe, they make your shampoos safe.

By working with Adept Pure Water we can recommend the right filter for your process and your process conditions, we can give you a Polypropylene filter if appropriate or a nylon one or even Titanium.

We can give you a filter to cut your costs tremendously and a filter which will fit your existing housings. Only we have the personnel with over 22 years experience in filtration at the highest managerial levels and we can support that with laboratory "back up".

Careful selection of a filtration "train" is also key to the economics in filtration and we again can show you how to cut costs.

If you use filters we can replace them with ISO9001:2000 manufactured filters showing real technical improvements, and beyond that we can cut your costs.

You need look no further for filtration of the highest quality, you have found the solution to cutting costs and being able to rest knowing your final product is assured. We don't cut costs and combine all aspects of chemical, mechanical and biological engineering into a service second to none for our customers. Call us now and never regret that call.

