

# Chemical Filtration

Providing products to meet demanding applications



The Chemical industry employs processes, reactions and refining to produce a wide variety of solid, liquid and gaseous materials. Many are intermediates required for input into agricultural, rubber, plastics, textiles, petroleum and pulp & paper industries. Filtration is critical to ensure the long term life of equipment used in the manufacturing process.

The scope of filtration within the chemical sector is extremely diverse and many factors need consideration such as chemical compatibility, viscosity and operating temperatures. The varied applications can include products that are manufactured in ambient temperatures such as ethylene glycol, which makes the process ideally suited to our range of spunbonded & pleated polypropylene filters. Chemicals that are manufactured from more aggressive solvents will require a filter with componentry such as stainless steel like our Metallic & Prosteel range of filters, which can also withstand high temperature processes.

The flows of industrial process fluids such as water, solvents and chemicals can be subject to numerous filtration, separation and purification stages. Consequently each link in the filtration chain is critical to the strength of the next; the weakest link will break the chain and the process will collapse.

No matter what filtration challenges you may encounter in your chemical production process, Parker domnick hunter can supply products and expertise to help you meet the ever-increasing demand for greater purity, process efficiency and cost effective filtration.

Applications
Chemical
Aromatic derivatives Bulk chemical filtration Dyes and pigments Hydrogen peroxide Catalyst recovery DI water filtration Final product clarification Quench water Reactants
Olefins and polyolefins
Ethylene glycol Ethylene oxide Polyols
Feedstock filtration Guard filtration Process water Polymer product recovery
Polymer
Acrylics Polyester Polyethylene Melt polymer filtration Solvents Feedstocks Pigment slurries Intermediates Spin pack protection



PROSEP FILTER SYSTEMS LTD  
Unit G19  
River Bank Way  
Lowfields Business Park  
Elland  
West Yorkshire  
HX5 9DN

**Tel: 01422 377367**

**Fax: 01422 377369**

Email: [enquiries@prosep.co.uk](mailto:enquiries@prosep.co.uk)

[www.prosep.co.uk](http://www.prosep.co.uk)

**Map and Directions to Prosep Filters Limited**



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)