

# Filtration and Separation Solutions for the Chemicals Industry



# Pall technologies...help make our customers' processes more reliable and their products better, safer, and in some cases even possible

Pall is a leader in the field of filtration, separation and purification. Our proprietary core materials are used to separate, remove, or selectively capture the most elusive contaminants from gases or liquids to help increase yields and improve product quality.

Pall has the unique ability to design, manufacture, install, and service integrated systems that cost-effectively treat process liquids and gases.



### FILTER ELEMENTS

**Disposable Filters**  
**Typical Applications:**  
 Particulate removal, product filtration, bag filter replacement

- Ultipleat® High Flow
- Coreless • Nexis® • Claris®
- Marksman™ • Profile®
- DFT Classic®
- Poly-Fine® • Duo-Fine®

**Metallic Media Filters**  
**Typical Applications:**  
 Filtration of hot & aggressive fluids, polymer processing, steam/condensate

- Dynalloy® • Rigimesh® • PSS®
- PMF™ • PMM®

**Ceramic Filters**  
**Typical Applications:**  
 Crossflow filtration, gas/solid separation, catalyst removal, hot gas filtration

- Schumasiv™ • Carbo™
- Membralox® • Aerolith®
- Schumalith™ • Schumasorb™

**Filter Modules**  
**Typical Applications:**  
 Fine filtration, depth filtration, gel removal, decolourisation

- SUPRAdisc™ • SUPRApak
- AKS modules

**Other Filter Media**

- SDT Reverse Osmosis membranes
- Spiral wound RO elements
- Last chance filters
- String wound cartridges
- Special bag filters
- Capsules

### FILTER HOUSINGS

**Filters and Modules**  
**Typical Materials:**  
 Carbon steel, stainless steels, alloys, polymer and specialities

- Ultipleat® High Flow • VelaDisc

**Coalescers**  
**Typical Applications:**  
 Liquid-liquid separation, liquid-gas separation

- PhaseSep® • SepraSol™
- AquaSep® • Medallion™

### FILTER SYSTEMS

**Crossflow (TFF) Membranes and Reverse Osmosis**  
**Typical Applications:**  
 Water/effluent treatment

- Membralox/Schumasiv
- Pall Aria™ MF/RO systems
- Pall Aria™ PAM 60 Containerised Water Treatment System

**Backwash and Blowback Filters**  
**Typical Applications:**  
 Brine filtration, hot gas filtration systems

- AccuSep® • Dynalloy®
- Rigimesh® • PSS® • PMF® • PMM®

**Continuous Polymer Filtration System**  
**Typical Applications:**  
 Polymer processing, polymer melt filtration, synthetic fibre/resin production, thin film

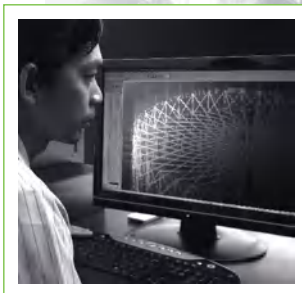
- CPF System® 100 Series
- CPF System® 200 Series

- Fluid types include:**
- ▶ Bulk and fine chemical filtration
  - ▶ Olefins and polyolefins
  - ▶ Silicon products
  - ▶ Chlor-alkali
  - ▶ Hydrogen, nitrogen and ethylene production
  - ▶ Polymer feedstock and melt filtration
  - ▶ Biofuels

- Benefits of using Pall filtration and separation solutions:**
- ▶ Consistent fluid cleanliness quality
  - ▶ Improved final product quality
  - ▶ High flow rates with long filter element service life
  - ▶ Reduced waste
  - ▶ Reliable processes/equipment
  - ▶ Increased yield from feedstocks
  - ▶ Lower operating and maintenance costs
  - ▶ Improved equipment availability

For more information visit:

[www.pall.com/en/chemicals-polymers.html](http://www.pall.com/en/chemicals-polymers.html)



## Research and Development

Working with equipment and component manufacturers in these markets, Pall custom designs products and purification systems that are fully integrated into chemical industry applications.

These products extend component service life, enhance safety and improve the operating reliability of all processing systems.



## Scientific and Laboratory Services

A principal element in Pall's customer support operations is our Scientific and Laboratory Services (SLS) Department. Filtration problems arising in the field can be assessed and simulated in the laboratory. Close monitoring by Pall scientists can determine the engineered solution to your contamination and separation problems and advise accordingly.



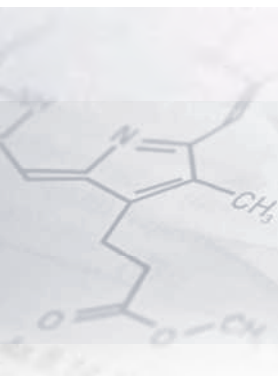
## Sales and Support

The sales and support team comprises a group of experienced specialists located in Europe, the Americas and across Asia. With distributors and representatives worldwide, we offer a comprehensive support network to customers around the globe.



## Service

Pall is committed to strengthening its relationships with customers by providing timely service, high quality parts, and clear communications throughout the process. We have skilled service teams ready to take your call and provide on-site service as needed.



**PALL CORPORATION**

### Corporate Headquarters

Port Washington, NY, USA  
+1-800-717-7255 toll free (USA)  
+1-516-484-5400 phone


Visit us on the Web at [www.pall.com](http://www.pall.com)

Contact us at [www.pall.com/contact](http://www.pall.com/contact)

Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit [www.pall.com/contact](http://www.pall.com/contact).

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*IF APPLICABLE* Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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