

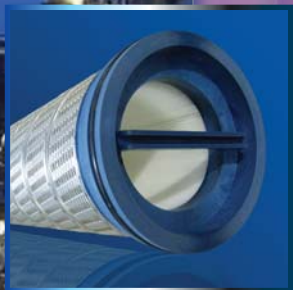


Velcon[®]

Velcon Process

A Division of Velcon Filters, LLC

**HIGH PERFORMANCE
FILTERS AND COALESCERS
FOR PROCESS INDUSTRIES**



CHEMFLO PRODUCTS • PERFORMANCE SEPARATIONS™

www.velconprocess.com

HIGH PERFORMANCE CARTRIDGE FILTERS

HF For High Flow Rates
HP For High Pleat
HT For High Temperature
HV For High Viscosity
HD For High Dirt Capacity
PB For Bag Housings
ASL For Solvent Resistance
AD For Diesel Application
AC Spin-On Type
AH For Hydraulic Oil
FG Fiberglass
FOS Synthetic Media

HIGH PERFORMANCE, PROPRIETARY MEDIAS

DURAFLO: Pleated surface filter elements designed for the removal of hard particles with a sharp removal cut off and maximum surface area for best selectivity and life.

DEPTHFLO™: Pleated depth filter elements designed for the removal of gels and deformable particles.

MELTBLOWN: Meltblown Depth Filter element consisting of an array of micro-thin melt blown fibers to create a high degree of internal void volume. Chemflo offers two meltblown elements: Quad Pro™ with a gradient density matrix and the cost efficient MB Pro Coreless.

Absolute-rated Medias are available in:

- **Polypropylene:** 100% thermally-bonded polypropylene for water, membrane pre-filtration, food and beverage, chemicals, and acids
- **Nylon:** Nylon 6 and Nylon 66 for caustics, aromatics, and elevated temperatures
- **Polyester:** For water, hydrocarbons, specific acids and solvents
- **Microfiberglass:** Highest dirt holding for water, hydrocarbons, and certain chemicals. Available with nylon, polyester, or polypropylene support layers and with epoxy or acrylic binders or binder free (in certain micron ratings)
- **Specialty Medias:** Including Nomex® rated up to 400° F and specialty cellulosic blends with epoxy, acrylic, or specialty binders for higher temperatures and amines
- **Coalescer Medias:** Proprietary Nylon, Polyester, and Microfiberglass coalescing medias for chemicals, hydrocarbons, and water

Velcon Process products are tailored for your application, thus, reducing cost and maximizing efficiency.



HIGH PERFORMANCE COALESCERS AND SEPARATORS

Velcon Process offers an array of liquid-liquid coalescers, liquid-gas coalescers, and separators for your application needs.

LC COALESCERS are:

- High Capacity Pleated Coalescers
- "Optimized" for Specific Process Applications
- Multi-stage Vessels
- Proprietary Coalescing Medias: Polyester, Nylon 6,6, PPS (Polyphenaline sulfide)
- Binderless Microfiberglass and Epoxy Binder Microfiberglass

LG COALESCERS are:

- All synthetic media, 0.3 µm and 0.1 µm Aerosol removal efficiency
- Removes down to 0.003 ppm
- LG640 is Chemflo's best High Flow Rate, High Performance Coalescer
- For Natural Gas, Sour Gas, and Fuel Gas
- Protects turbines, compressors, steam generators, pipelines and sweetening/dewatering systems

LS SEPARATORS available in:

- Teflon Coated Screen: cleanable, non-static
- Synthetic: pleated or rolled, non-static
- Pleated Paper: least expensive, not for horizontal

INDUSTRIAL COALESCERS are:

- Rugged Construction assures performance in the toughest environment
- Available in All Fiberglass and Pleated Fiberglass
- Choice of Varous Media allows best selection for individual applications
- Optimum use of filter area allowing high flow capacity and long life



Visit us on line at www.velconprocess.com for the latest literature on our products and services.

FILTER & COALESCER VESSELS

Velcon Process has an array of high capacity filter and coalescer vessels for your application needs.

HIGH CAPACITY FILTER AND COALESCER VESSELS:

- ASME Code Stamped Carbon Steel, Stainless Steel, Alloys, and FRP
- Cartridge Filter Housings, Bag Filter Housings, Single, Duplex, and Multiplex Housings
- Strainers, Carbon Filters, Adsorbents
- Backwash Systems with Metal and Porous Plastic Elements
- Systems, Automated Packages, Skid Mounted Systems

HIGH CAPACITY COALESCER AND SEPARATOR VESSELS:

- 2-Stage and 3-Stage Coalescer and Separators
- Liquid-Liquid Coalescers
- Filter-Separators
- Liquid-Gas Coalescers

CF Series Standard Filter Vessels
HP Series High Purity
HF Series High Flow Rates
LC Series Coalescers for Liquid-Liquid
LG Series Coalescers for Liquid-Gas



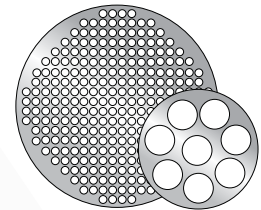
HF FILTRATION SYSTEMS

Velcon Process has a line of high flow filter vessels and coalescer vessels. Because of the proprietary design of the HF Duraflo and HF Depthflo™ filter cartridges, vessel sizes are smaller, fewer elements are required, and your cost savings are substantially increased. The HF Duraflo and HF Depthflo™ filter cartridges achieve flow rates up to 300 gpm/1100 lpm in water. You will have up to 30 times fewer filters compared to standard filters, plus you will have the excellent dirt holding capacities and particle removal efficiencies of Chemflo's pleated Duraflo and Depthflo™ filter medias. The benefits to you are: lower initial costs, improved filtration, and decreased total cost.

Our HF Series filter housings are designed for high flow rates which allows for:

- Lower Maintenance Costs
- Lower Disposal Costs
- Smaller Filter Housings
- Fewer Elements Resulting in Faster Changeouts
- Higher Efficiencies
- Longer Filter Life

Smaller Vessels = Capital Savings
Fewer Elements = Operating Savings



Approximately 280 stringwound cartridges are required to hold the equivalent amount that eight HF660 Depthflo™ pleated cartridge can hold.



Visit us on line at www.velconprocess.com for the latest literature on our products and services.

VELCON & VELCON PROCESS

About Velcon

Originally named Enfab, Inc., Velcon Filters, LLC was founded in 1953 by Harold Higbee, a Tooling Engineer, and L.W. (Lu) Taylor, an Industrial Engineer. Both had extensive experience in the fiberglass industry. The first products were fabricated fiberglass components for the 2.75 Rocket sold to the United States government. Imaginative R&D led to the creation of a proprietary fiberglass filter coalescer in 1957. This revolutionary product was initially introduced to both military and commercial aviation fuel markets and subsequently to pipelines and refineries. Velcon now supplies more replacement cartridges to purify jet fuel than any other company in the world.

In 1991, Lu Taylor became Chairman of the Board and his son David C. Taylor assumed the position of President. Dave Taylor brought with him a broad range of technical and management experience. Velcon's commitment to quality has been recognized through its achievement of the ISO 9001 Certification of Registration in 2000. Most recently Velcon has requalified for ISO 9001, proving its continuing achievement of quality standards. Velcon is also the first filter manufacturer to receive qualifications for all three categories of the API/EI 1581 5th Edition Specification.

About Velcon Process

Velcon Process is a manufacturer of quality high performance engineered filtration and separation products for process industries. Velcon Process was founded in 1998 by Clay Cravens in Houston, Texas. Chemflo originally focused on solutions for petrochemical producers.

- Our goal from the start has been to increase our partners' process performance and to improve our partners' operating margins.
- Our filters and coalescers are designed and tested to perform well at high flow rates.
- Our engineers work with our partners to optimize process performance and to provide process solutions.
- We work through a strong distribution network to provide systems and services including reducing supply chain costs.
- We tailor products for specific applications to optimize products for a wide variety of conditions such as viscosity, gelatinous particulate, chemical and temperature resistance, contaminant capacity, and efficiency needs.

Our primary markets are:

- Refining
- Chemicals
- Petrochemicals
- Gas Processing
- Process Water

Velcon Process Worldwide:

- Engineering-based Representative Network
- Engineer Representatives Worldwide
- International Distribution Network:
 - Middle East and Africa: *Saudi Arabia, Abu Dhabi, Kuwait, Qatar, Bahrain, Oman, Turkey, South Africa, Nigeria*
 - Asia: *China, Japan, Korea, Malaysia, Thailand, Vietnam, Australia, Indonesia, Singapore*
 - Australia
 - Americas: *Canada, USA, Brazil, Chile, Argentina, Mexico, Peru, Dominican Republic, Trinida and Tobago, Chile, Ecuador*
 - Europe: *United Kingdom, Ireland, Spain, Italy, Belgium, Austria, Germany, Denmark, Netherland, Norway, Sweden, Belarus, Russia*
- Approved by Many Major Customers: ConocoPhillips, Chevron, Exxon, Valero, DuPont, BASF, GE Plastics, Honeywell, Qatargas, 3M, SABIC, BP and many others...



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