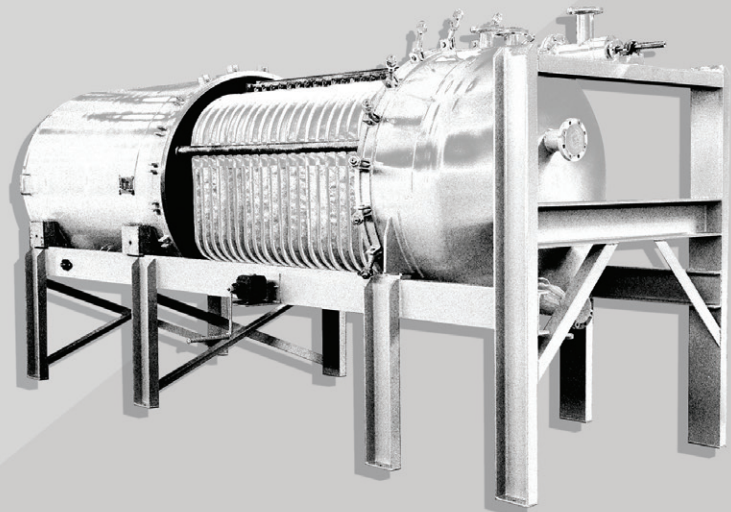


# DURCO FILTERS

by Ascension Industries

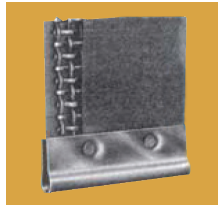
## PRESSURE LEAF FILTER



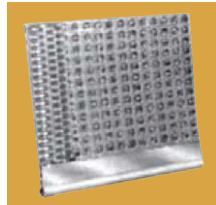
## PARTS & SERVICE

## Leaf Design and Construction

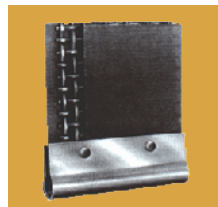
### Styles of Construction



Spot-Welded



Continuous



Riveted

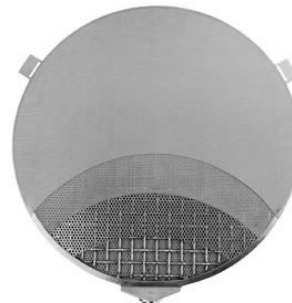


Bolted

Call Durco Filters today for new construction or repair to existing vertical, horizontal, circular or roto-leaves for any model filter.



3-ply



5-ply



7-ply

### Frame Options

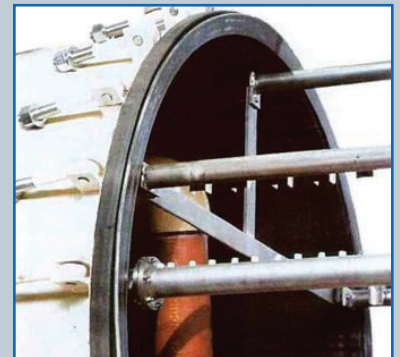
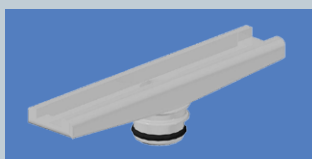
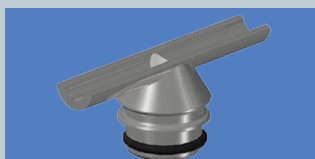
Keyhole, Bar, Capped, U-Channel, Van Huffle

### Materials of Construction

Stainless steel (304/316), Polypropylene, Titanium, Hastelloy, Incoloy and Monel

## Common Spare Parts

- **Closure Gaskets** - available in EPDM, Neoprene, Viton, Teflon (other materials available upon request)
- **Sluicer or Vibrator Parts** - bearings, packing, seals, gaskets
- **Hydraulic Parts** - air or oil filters, valves, pumps, cylinders
- **Leaf Nozzle O-rings** - available in EPDM, Neoprene, Viton, Teflon, Silicone (other materials available upon request)
- **Spray Nozzles**



## Filter Bag Fabrics

### **Polyester**

Resistant to most acids, oxidizers and organic solvents.  
pH range: 2-9, Temperature: up to 300° F

### **Polypropylene**

Resistant to abrasion, organic and mineral acids, solvents and alkalies.  
pH range: 2-12, Temperature: up to 200° F

### **Polyethylene**

Extrudes yarn and staple fibers, resistant to mildew.  
pH range: 2-12, Temperature: up to 150° F

### **Nylon**

Resistant to alkalies.  
pH range: 2-8, Temperature: up to 250° F

### **Cotton**

Resistant to abrasion, subject to mildew and shrinkage.  
pH range: 3-10, Temperature: up to 180° F

### **Teflon**

Excellent particulate collection, chemical and abrasion resistance.  
pH range: Any, Temperature: up to 500° F

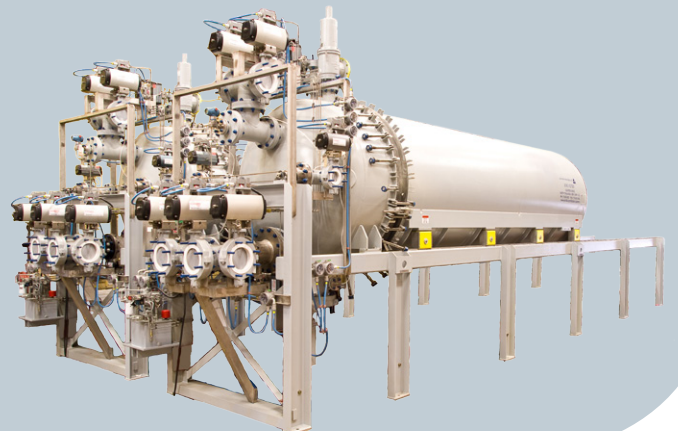
- Down to 1 micron (nominal) or add precoat for sub-micron rating.

**Filter Bags are available for all filtration applications in any size or shape construction.**



## Upgrades, Replacements, Retrofits

- Replacement of internal assemblies including:
  - Discharge manifolds
  - Dry cake vibrator assembly and leaf spacer bars
  - Sluice assembly and leaf spacer bars
- Conversion from vibrator to sluicer
- Conversion from air to hydraulics for sluicing - provides repeatability and reliability
- Vessel Recertification (ASME)
- Dura-Sluice™ water-saver upgrade
- Safety-Interlock for hydraulic systems - prevents accidental opening of filter
- Quick Opening Closure (QOC) for hydraulic systems - offers speed and ease in opening of the filter
- Replacement of outdated PLC's and Step Switch controlled filter stations with today's state of the art PLC's featuring Allen Bradley SLC 500s, Micro Logix, and Compact Logix Controllers
- Complete cost-effective automation upgrades for previously owned manual filter stations



## ***Keeping Your Equipment On-Line***

Our highly trained, experienced Field Service Engineers and Technicians travel world-wide to provide complete support and to keep your equipment running.

## ***System Installation and Startup***

The Field Service team from Durco Filters will support you throughout the entire installation and start-up procedure to ensure your satisfaction with our filter equipment.

The Durco Field Service team can help maintain your existing Enzinger, Duriron, FSD, Aquacare and Durco filters.



## ***Equipment Upgrades***

The Field Service team from Durco Filters can provide solutions to enhance your system's performance. Often a filter can be optimized for your process cost effectively, avoiding complete replacement. In many cases, Durco's performance enhancements return on their investment in minimal time.

## ***How to Order***

Contact one of our helpful Parts Coordinators or an authorized, factory-trained representative near you.

Please be prepared with the serial number of your filter when you place a parts order.

### **Corporate Office**

1254 Erie Avenue  
North Tonawanda, NY 14120  
(P) 716.693.9381 (F) 716.564.9044

**Email:** [filterparts@asmfab.com](mailto:filterparts@asmfab.com)

## ***Maintenance Agreements***

The Durco Field Service team can perform all your routine and preventive maintenance on a schedule that works for you.

Let us customize a plan to meet your needs and virtually guarantee you are never down due to equipment failure.

We have the knowledge, research and experience to identify and repair minor problems **before** they become costly inconveniences or shut down your entire operation.

## ***Training***

Improper operation can prematurely shorten the life of or destroy your equipment.

With proper training, you will learn to maximize your filtration operation, while saving both money and time. The Field Service team is available 365 days a year on a 24-hour basis to provide the training necessary to cover all aspects of your system's operation. Call us with any questions today!

Ascension Industries, Inc.  
1254 Erie Avenue  
North Tonawanda, NY 14120  
[www.durcofilters.com](http://www.durcofilters.com)

Phone: 716.693.9381  
Fax: 716.564.9044

[sales@asmfab.com](mailto:sales@asmfab.com)  
[filtersales@asmfab.com](mailto:filtersales@asmfab.com)