

Filtration inc.

Quality Industrial Filtration Products

5990 Griggs Rd. • Houston, TX 77033 • Phone: (713) 644-5712 • Fax: (713) 641-6083

INTRODUCTION

FILTRATION INC. QUALITY INDUSTRIAL FILTRATION PRODUCTS

*** SINGLE SOURCE SUPPLIER**

Providing Industrial Filtration Products to all Markets

Cartridge Filter Selection

- ~ Pleated, Nominal & Absolute Rated
- ~ Yarn Wound in all Media, Core & End Configurations
- ~ Coalescers and Separators, (Liquid and Air/Gas Applications)
- ~ Fiberglass Cartridges, flow versions either Outside-In or Inside-Out
- ~ Amine Filtration for Longer Life

*** LOW COST PRODUCER**

Vertically Integrated with Manufacturing Capabilities

- ~ Radial Fin Style Filter – Build New or Recondition Existing Ones
- ~ Yarn Wound Cartridges – 48 Hour Delivery- Private Label
- ~ Pleated Synthetics and Cellulose Cartridges
- ~ Bulk Packaging Available for Large Orders

*** VALUE**

Replacement Filters for Most OEM Brands

- ~ Pleated, Cylindrical, and Panel Style Filters
- ~ Synthetic Media for High Humidity Applications
- ~ Cleaning of Reusable Synthetic Media Filters
- ~ Ultrasonic Cleaning of Pleated Metal and Sintered Metal Filters

*** RENTAL FILTER VESSELS**

Skid-Mounted Portable Filter Vessels for Immediate Delivery

- ~ Carbon Steel or Stainless Steel Construction
- ~ 150 to 600 PSIG Units Available
- ~ Flange Connections from 2" thru 8"
- ~ Flow Rates from 50 to 4000 GPM
- ~ Utilize Pleated or Depth Filters from Stock
- ~ Long Term or Short Term Leasing

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INTRODUCTION CONTINUED

*** ON TIME DELIVERIES**

Goal of 98% On-Time Delivery Performance

- ~ Computerized Expediting of Open Orders
- ~ Any Mode of Transportation Preferred
- ~ Over Night Shipments
- ~ 24/7 Availability

*** EXTENSIVE CROSS REFERENCE**

Cross Reference by OEM Companies

- ~ Over Three Thousand Parts Numbers
- ~ Alphabetical Listing to Find Part Numbers Easily
- ~ Includes Water Absorbing Filter Part Numbers
- ~ Listing for Hydraulic Filter Applications
- ~ Cross Reference for Products of 3-M to Waukesha

*** TECHNICAL EXPERTISE**

Experienced Inside Support Personnel for Industrial Applications

- ~ Sales People with over Twenty Five Years Experience
- ~ Air/Gas, Liquid, Coalescing or Absorption Capabilities
- ~ On-Site Technical Assistance if Required
- ~ Retro-Fit Alternatives for Increased On-Line Service

Customer Service Information:

Phone - 713-644-5712

Toll-Free - 1-888-644-5712

Fax - 713-641-6083

E-Mail – sales@filtrationinc.com

Visit our WEBSITE at www.filtrationinc.com

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Comprehensive Cross-Reference Data

Filtration, Inc. maintains an exclusive cross-reference database addressing diverse categories of filtration products. Thousands of part numbers including original equipment manufacturers are listed. Please contact us with any filter requirements that we may assist in providing the correct replacement product.

We have manufacturing capabilities as well as extensive inventories for filter items including yarn wound filters, pleated cartridges in synthetic cellulose media as well as coalescers and separators.

We maintain detailed information specific to sock style filters, liquid filter bags, and melt blown cartridges. Also available are water absorbing cartridges for lubrication applications as well as panel style air filters for compressors and turbines.

Technical assistance is an integral part of product offering. Many years of serving the petrochemical, refining, and power generating markets has resulted in an extensive working knowledge of filtration.

We look forward to assisting you in providing the correct filter for a given application. Call us today!

Please note that we have a fleet of RENTAL FILTER VESSELS that are skid-mounted for ease of handling and immediate delivery to your location. Outline drawings will be provided prior to delivery detailing vessel configuration, physical dimensions as well as sizes and location of connections. The appropriate filter cartridges are immediately available from our inventory.

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Toll-Free – 1-888-644-5712

Fax – 713-641-6083

E-Mail – sales@filtrationinc.com

If you have a filter problem, we have the filter for a clear and quick solution.

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FILTER MEDIA SELECTION GUIDE

Filter Media Table

Media	Symbol	Max Temp	Applications/Characteristics
Bleached Cotton	BC	300 F	Potable liquids, organic solvents, water, dilute acids, alkalis, and petroleum oils
White Cotton	C	300 F	Organic solvents, oils, organic acids and alkalis
Natural Cotton	U	300 F	Petroleum oils, amines, organic solvents, dilute acids
Industrial Polypropylene	P	175 F	Strong acids, concentrated alkalis, water, oils, organic solvents and micro organism resistant
Polypropylene FDA	PD	175 F	Animal, vegetable and petroleum oils, potable liquids, strong alkalis
Fibrillated Polypropylene	F	175 F	Strong acids, alkalis, water, oils, organic solvents, micro-organism resistant
Fiberglass	G	750 F	Organic acid, oxidizing agents, strong and dilute acids as well as micro organism resistant
Polyester	Y	300 F	Organic solvents, water, dilute oxidized agents and chemical compatibility similar to cotton
Nylon	N	300 F	Used in specialized applications; organic solvents, and oils
Acrylic	O	300 F	Organic solvents, strong acids

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FILTER CORE SELECTION GUIDE

Core Descriptions

Core	Symbol	Max Temp	Characteristics
Tinned Steel	T	400 F	Mild steel used in hydrocarbon and other general applications
Polypropylene	P	175 F	Applications with lower temperatures, good chemical resistance for fluids or gases, and may be incinerated for disposal
304 Stainless Steel	S	750 F	High temperature applications, moderately corrosive resistant
316 Stainless Steel	A	750 F	Very corrosive resistance, high temperature applications
Special	X		Special applications on a case-by-case basis

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SELECTION GUIDE

Filter Medium:

The proper filter media is to be selected based upon chemical compatibility guides and parameters specific to operating temperature

Center Core:

The least expensive center core materials are tinned steel and polypropylene: the actual selection is a function of temperature and corrosive environments. Stainless steel cores are available in both 304 and 316 grades depending upon the level of corrosion for the given application.

Industry Standards Dimensions:

Outer Diameter: 2.5" Standard

Optional Outer Diameters: 2", 2.25", 2.38", 2.75" up to 8" are available.

Inside Diameter: 1" Standard

Optional Inside Diameters are available up to 3.5"

Length: Standard lengths are in increments of 10" with 10, 20, 30, & 40 inches being the most frequently ordered. Actual lengths are available from 3" to 72" including fraction sizes i.e. 9.75", 19.50", 29.25", 29.50" etc.

Note: The commonly used "Wildcatter" style cartridge is also available in all the popular sizes including 3" x 36" and 3" x 72" in a number of media. These replace the typical 336 and 372 Peco series.

Micron Ratings:

Available in nominal removal ratings of 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 150, and 200 microns.