



Industrial Liquid Filtration



York Filtration Systems

Filtration Solutions from York Fluid Controls Limited

York Fluid Controls has specialized in unique fluid handling products for over 55 years and is continuously adding higher quality Filtration Equipment and Systems to its filtration division.

Liquid Filtration Systems, Products and Pressure Vessels from York Fluid Controls are constructed to meet the most demanding requirements of all types of industries. We design and manufacture the most economical and most efficient Filtration Solutions available today.

Whatever the volume of fluid or degree of cleanliness required, York Fluid Controls can do the job. Custom fabricated or standard design, York produces top quality at an affordable price, the lowest filter cost per gallon!

Everything from one to 800 micron for bags and cartridges, in absolute or nominal efficiency ratings (to 99.9%). York Filtration Bags can remove paint sludges and crystals to asbestos fibres and giardia bacteria. We can remove trace oils from process or waste water streams and also prefilter expensive submicron membrane systems.



Bag Filter Vessels

Applications for Liquid Bag Filters

Paper	Food	Petroleum	Chemical	Misc.
Clay Slurry	Peanut Butter	Amine	Acetic Acid	Adhesives
Pigmented Coatings	Corn Syrup	Reduced Crude's	Brine	Solvents
Fresh Water	Lard	Feedstock's	Calcium Carbonate	Resins
White Water	Dextrose	Pump Seal Water	Cooling Tower	Liquors
Decker	Chocolates	Naptha	Ethylene Glycol	Paints
Shower Water	Jelly	Fuel Oil	Herbicides	Shampoo
Size	Jucies	Motor Oil	Hydrochloric Acid	Dyes
Starch	Milk Sugar	Hydraulic Oil	Latices	Beer
Tio2 Slurry	Edible Oil	Synthetic Lubricants	Pellitizer Water	Beverages
Mill Water	Soybean Concentrate	Completion fluids	Polymers	Pharmaceutical
Wet End Additives	City and Well Water	Injection Fluids	Resins	Toothpaste
Cooling Water	Tea Liqor	Cooling Tower Water	Sulphuric Acid	
Dyes	Extracts			
Pump Seal Water				

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The liquid filter bags (and housings) supplied by York Filtration Systems are used in a wide number of industries such as the paper, food, and petroleum industries, and for a variety of applications such as removing undispersed solids, filtering condensate, and removing plastic fines from water. A more thorough list of applications and industries is displayed below.

FILTER BAGS - FILTER CARTRIDGES

York Filtration Systems Inc. is a leading supplier of filter bags, filter cartridges, filter housings, and media filters designed to meet the requirements of all types of liquid filtration applications

STYLES OF FILTER BAG MEDIA:

- **FELT:** Available in polyester and polypropylene, felt is generally used when particle retention of 1-200 microns is required. Felt media provides three dimensional depth filtration, resulting in much higher solids loading capacity over the equivalent area of mesh fabric.
- **MESH: NYLON MONOFILAMENT** - A woven fabric with evenly spaced holes. Suitable for surface filtration only, monofilament consists of single untwisted thread. Bags are available in 25-800 microns.
- **POLYESTER MULTIFILAMENT** - Also suitable for surface filtration, low cost, disposable fabric consists of many smaller diameter threads twisted together. Available in 100-800 microns
- **OIL REMOVAL** - Filter bags: designed to remove trace amounts of petroleum based products from paints, coatings, and other industrial fluids.

MAXIMUM OPERATING TEMPERATURES:

Polypropylene: 200-220 degrees Fahrenheit

Polyester: 275-325 degrees Fahrenheit

Nylon: 275-300 degrees Fahrenheit

York Filtration Systems also provides covered filter bags. The cover contains any fiber that may separate from felt bag. Available in nylon mesh, polyester mesh, and cerex



HOW TO ORDER YORK FILTER BAGS*

PEF

25

P

2

S

H

W

MATERIAL / MICRON

PE, PEN, PEA = Felt Polyester
 Microns: 1, 5, 10, 15, 25, 50, 75, 100, 200
 PO, POF, POG = Felt Polypropylene
 Microns: 1, 3, 5, 10, 25, 50, 100
 PEMU = Mesh, Polyester Multifilament
 Microns: 100, 150, 200, 250, 300, 400, 600, 800
 NMO = Mesh, Nylon Monofilament
 Microns: 25, 50, 75, 100, 150, 200, 250, 300, 400, 600, 800
 FOS = Oil Removal Material
 POXL = Extended Life

WELDED SIDE SEAM

W = Welded Side
 WW = Welded Side and Bottom

HANDLE

H = Handle

BAG FINISH OR COVER

P = None or Glazed
 C = Cerex Cover
 PEM = Polyester Multifilament Cover
 NMO = Nylon Monofilament Cover

BAG SIZE

1 = 7 1/16" x 16 1/2" (P1S)
 2 = 7 1/16" x 32" (P2S)
 3 = 4 1/8" x 8" (LFB-1, P3S)
 4 = 4 1/8" x 15" (LFB-2, P4S)
 7 = 5 5/8" x 15" (P7S)
 8 = 5 5/8" x 21" (P8S)
 9 = 5 5/8" x 32" (P9S)
 12 = 8 1/4" x 32" (P12S)

RING OR FLANGE

SS = Stainless Steel
 P or N = Poly or Nylon Flange
 RP = Ronnigen-Peter
 S = Carbon Steel Ring
 R = Tie On
 DS = Draw String
 DST = Draw Strap
 C = Commercial Ring
 SP = 7" Plastic Internal Ring

Bag size	length (inches)	Diameter (inches)	Surface Area (sq. ft.)	Bag Volume (gallons)
1	16.5	7.06	2	2.1
2	32	7.06	4.4	4.6
3	8	4.12	0.5	0.5
4	14	4.12	1.0	1.0
7	15	5.62	1.3	1.3
8	21	5.62	2.0	1.5
9	32	5.62	3.4	2.8
12	32	8.37	5.6	6.0

High Efficiency / High Loading Options

POMF Polymicro® Microfiber Filter Bags

The POMF Polymicro® Microfiber Filter Bag provides outstanding performance on contaminant applications where the minimalization of particle travel is important.

*Call us for Filter Cartridge Matrix



Custom



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