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# LIQUID FILTER BAGS

*Top Quality For A Wide Range Of Industry*



EVP -  
Enhanced  
Vertical  
Pleat

Since 1978, The Strainrite Companies have designed and manufactured leading-edge filtration products for a variety of industries worldwide. The heritage of U.F. Strainrite, Inc., is closely tied to the initial development of filter bag technology.

Our founder, John H. Lapoint Jr., was an integral part of the team that conceived, perfected, and offered the original filter bag.



The Strainrite Companies strives to apply the filtration expertise we've gained in over 30 years of partnership with our customers, along with the innovation we've become known for, to manufacture classic, top quality, filter bags.



Sure-Weld,  
with Tri-Seal



The "Resinator,"  
Resin Bonded

## FILTER BAG PRODUCTS

Micron-Rated  
Felt Bags



**Sure-Weld**  
Proprietary Tri-Seal Poly Flange

**98**

**The Classic**  
Felt Filter Bag

**98**

Micron-Rated  
Mesh Bags



**Monofilament**  
Single Filament Weave

**100**

**Multifilament**  
Multi-Strand Weave

**100**

Extended Life



**POXL & PEXL**  
Xtra Life Filter Bags

**102**

**EVP / EVPA**  
Enhanced Vertical Pleat

**104**

**AA Filter**  
Additional Area  
Needle Punch Felt

**106**

High-Efficiency



**SPMF**  
High Efficient Filter Bags

**108**


**Hi-Pro Micro**  
High Performance

**110**

**Accurite**  
Ultra Efficient Filter Bags

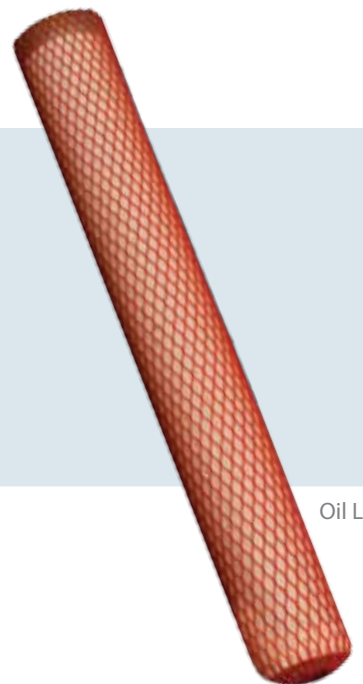
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The AA Filter,  
Added Area



Oil Log

# MICRON RATED FELT FILTER BAGS

Sure-Weld  
The Classic

- ▶ PAINTS & COATINGS
- ▶ GENERAL CHEMICAL
- ▶ PRODUCED WATER FROM GAS DRILLING

- ▶ PROCESS WATER
- ▶ INK INDUSTRY
- ▶ FOOD AND BEVERAGE INDUSTRY

The Strainrite Companies offer the widest range of needle punch felt filters in the market. We have formed long-term strategic partnerships with North America's largest and most respected needle punch manufacturers.

All of our fabrics are manufactured on state-of-the-art high speed needling equipment that continuously monitor key specifications in real time resulting in the most uniform and consistent fabric across the entire web in our industry.

By combining our technically advanced converting process with the industry's most reliable media, The Strainrite Companies offers **The Classic**, a felt filter bag that leads in product quality, reliability and repeatability.



## THE CLASSIC

- ▶ FELT FILTER BAGS OFFER SEVERAL DISTINCT ADVANTAGES OVER STANDARD STRING WOUND AND MELT BLOWN CARTRIDGES
- ▶ HYGIENICALLY SUPERIOR DUE TO INSIDE-OUT FLOW DYNAMICS, ALL IMPURITIES ARE CONTAINED INSIDE THE FILTER BAG
- ▶ LOWER TOTAL COSTS DUE TO HIGHER SOLIDS LOADING CAPABILITIES
- ▶ REDUCED LABOR COSTS FROM FEWER CHANGE-OUTS
- ▶ FEWER SPENT FILTERS RESULTING IN REDUCED DISPOSAL COSTS
- ▶ REDUCED PRODUCT LOSS DUE TO LOWER HOLD UP VOLUMES
- ▶ USER FRIENDLY BECAUSE IT IS EASIER AND QUICKER TO CHANGE ONE FILTER BAG VERSUS SEVERAL 10" CARTRIDGES

## SURE-WELD

- ▶ HIGHER EFFICIENCIES DUE TO TIGHTER SEAL TOLERANCES
- ▶ NO THREAD, WHICH ELIMINATES POTENTIAL SILICONE CONTAMINATION FROM THIS LIKELY SOURCE
- ▶ PUNCTURE FREE OVERLAP SIDE SEAMS PROVIDE ADDED STRENGTH AND IMPROVES EFFLUENT CONSISTENCY

### NEED A VESSEL FOR YOUR BAGS?

For the Classic, the following vessel types are most commonly used:

SRX—PAGE 136    SRHD—PAGE 138    SRID—PAGE 140    SRL—PAGE 134  
SRMX—PAGE 136    SRMB—PAGE 144    SRVB—PAGE 142

For the Sure-Weld, the following vessel types are most commonly used:

SRX—PAGE 136    SRHD—PAGE 138    SRID—PAGE 140  
SRMX—PAGE 136    SRMB—PAGE 144    SRVB—PAGE 142

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

SP  
BAG  
MATERIAL

10  
MICRON  
RATING

P  
FINISH

1  
SIZE

P  
RING

WE  
OPTIONS

SP10P1PWE

The **Sure-Weld** Felt Filter Bag, with our proprietary “Tri-Seal” P-flange provides a distinct advantage compared to conventional sewn filter bag with metal snap rings or industry standard poly flanges. Using state-of-the-art welding technology specifically designed to bond needle punched textile fabrics, we are able to offer the strongest most reliable welded filter bags on the market.

Our **Sure-Weld** filters come with the security of an overlap side seam, which eliminates the “bump” that occurs with conventional sewn snap ring filters. By welding to a “Tri-Seal” P-flange our fully welded filter bags offer unparalleled seal security, which delivers superior filtrate consistency.



### AVAILABLE MICRON RATINGS

Polypropylene - 0.5\*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200  
 Polyester - 0.5\*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200  
 Nomex - 1, 5, 10, other microns available on request  
 Nylon - Available on request

### POLYPROPYLENE - CHEMICAL COMPATIBILITY\*\*

| TEMPERATURE | CHEMICAL         | COMPATIBILITY |
|-------------|------------------|---------------|
| 200°F       | Acids            | Excellent     |
| 200°F       | Alkali           | Excellent     |
| 200°F       | Oxidizing Agents | Excellent     |
| 200°F       | Solvents         | Average       |

### POLYESTER - CHEMICAL COMPATIBILITY\*\*

| TEMPERATURE | CHEMICAL           | COMPATIBILITY |
|-------------|--------------------|---------------|
| 300°F       | Weak Acids         | Good          |
| 300°F       | Strong Acids       | Good          |
| 300°F       | Weak Alkali        | Poor          |
| 300°F       | Strong Alkali      | Poor          |
| 300°F       | Solvents           | Very Good     |
| 300°F       | Petroleum Products | Very Good     |

\*Not available in Sure-Weld  
 \*\*Reflective of Filter Bag Material only. Please consult with your Application Engineer to verify specific chemical compatibility

## ORDER OPTIONS

| MATERIAL       |  |
|----------------|--|
| SP             | Polypropylene Felt                               |
| AP             | Polyester Felt                                   |
| HT             | *Nomex   |
| N              | *Nylon   |
| MICRON RATINGS |  |
| SP             | 0.5*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200 |
| AP             | 0.5*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200 |
| HT             | 0.5, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200  |
| N              | 0.5, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200  |
| FINISH         |  |
| S              | Singed   |
| P              | Plain  |
| B              | *Singed Both Sides                               |
| C              | *Cerex Cover                                     |
| N              | *Nylon Mesh Cover                                |
| SIZE           |  |
| 1              | 7" x 16"   |
| 2              | 7" x 32"   |
| 3              | *4.08" x 8"                                      |
| 4              | *4.08" x 14"                                     |
| 25             | *4" x 9"   |
| 30             | *4.118" x 10"                                    |
| 50             | *4" x 21"  |
| 65             | *4.118" x 22"                                    |
| RING           |  |
| P              | Polypropylene P-Flange                           |
| M              | Polypropylene M-Flange                           |
| PER            | Polyester P-Flange                               |
| MER            | Polyester M-Flange                               |
| DS             | *Draw String                                     |
| S              | *Carbon Steel Ring                               |
| SS             | *Stainless Steel Ring                            |
| PR             | *Polypropylene Ring                              |
| N              | *No Ring   |
| Z              | *Polypropylene Z-Flange**                        |
| OPTIONS        |  |
| WE             | Sure-Weld  |
| HS             | *Handle-Strap                                    |
| AS             | *Fully Stitched                                  |

\*Not available in Sure-Weld  
 \*\* Fits Size 25, 50 bags only

# MICRON RATED MESH FILTER BAGS

Monofilament Mesh

Multifilament Mesh

▶ PAINTS  
▶ COATINGS  
▶ GENERAL  
CHEMICAL

▶ PROCESS WATER  
▶ INK INDUSTRY  
▶ FOOD AND BEVERAGE  
INDUSTRY

**Monofilament Mesh** Filter Bags are manufactured in a wide range of micron ratings using a single filament weave. Single filament woven media provides two distinct advantages over multifilament media, excellent fabric strength and perfectly uniformed openings.

**Monofilament Mesh** is available in 1 through 800 microns as standard and larger for special orders. For applications where clients require no fiber migration at a high level of efficiency, monofilament material is a perfect fit.

**Multifilament Mesh** Filter Bags are manufactured in a narrow range of micron ratings using a multi-strand weave.

Multi-strand woven media is very cost effective for those applications where nominal filtration is required. The media openings are nominally spaced apart and require the use of a support basket to optimize filter performance. This media is excellent when applications require fiber free products from 100 micron up to 800 micron nominal efficiency range.



## MONOFILAMENT MESH

- ▶ NYLON MONOFILAMENT IS FDA AND EU COMPLIANT
- ▶ RELIABLE AND PREDICTABLE FILTRATION PERFORMANCE DUE TO A HIGHLY UNIFORMED HOLE CONFIGURATION
- ▶ NON-FIBER RELEASING MATERIAL FOR HIGH PURITY APPLICATIONS
- ▶ EXTREMELY WIDE CHEMICAL COMPATIBILITY
- ▶ VERY HIGH TENSILE STRENGTH
- ▶ HYGIENICALLY SUPERIOR DUE TO INSIDE-OUT FLOW DYNAMIC, ALL IMPURITIES ARE CONTAINED INSIDE THE ELEMENT
- ▶ MINIMAL PRODUCT LOSS DUE TO QUICKER DRAIN OFF OF FILTERED PRODUCT

## MULTIFILAMENT MESH

- ▶ AVAILABLE IN A HIGHLY CHEMICAL RESISTANT NYLON MATERIAL
- ▶ VERY COST EFFECTIVE
- ▶ NON-FIBER RELEASING MATERIAL
- ▶ REDUCED PRODUCT LOSS DUE TO VIRTUALLY NO MEDIA HOLD UP VOLUME
- ▶ EXCELLENT NOMINAL EFFICIENCY PERFORMANCE WHEN UTILIZED WITH A SUPPORT BASKET
- ▶ SUPERIOR TO CARTRIDGE FILTRATION DUE TO INSIDE-OUT FLOW DYNAMIC, ALL IMPURITIES ARE CONTAINED INSIDE THE FILTER BAG

### NEED A VESSEL FOR YOUR BAGS?

For the Monofilament Mesh and Multifilament Mesh, the following vessel types are most commonly used:

SRX—PAGE 136    SRHD—PAGE 138    SRID—PAGE 140    SRL—PAGE 134  
SRMX—PAGE 136    SRMB—PAGE 144    SRVB—PAGE 142

As always, discuss your options with your local sales representative to find the best fit for your application.



## ORDER GUIDE



**Monofilament Mesh** is a woven fabric where each thread is a single filament, boasting excellent strength with no fiber migration. Providing extra strength and abrasion resistance, and offering a broad range of chemical compatibility, Monofilament Mesh bags are available in nylon, polyester and polypropylene.

**Multifilament Mesh** is a woven fabric where each strand consists of many smaller diameter threads. Multifilament Mesh filters are manufactured in a narrow range of micron ratings using a multi-strand weave, and are available in nylon and polyester.



## ORDER OPTIONS

| STYLE   |   |
|---|---|
| -<br>A  | Standard<br>*Automotive<br><br><small>* Not available for NMU, PEMU</small>   |
| MATERIAL  |   |
| NMO<br>PEMO<br>POMO<br>NMU<br>PEMU                    | Nylon Monofilament<br>*Polyester Monofilament<br>*Polypropylene Monofilament<br>Nylon Multifilament<br>Polyester Multifilament<br><br><small>* Minimum order quantities may apply</small>   |
| MICRON RATINGS  |   |
| NMO<br>PEMO<br>POMO                                   | 1, 5, 10, 25, 35, 50, 75,<br>100, 125, 150, 200, 250,<br>300, 400, 600, 800   |
| NMU<br>PEMU   | 100T, 100F, 150, 200, 250,<br>300, 400, 600, 600T, 800  |
| FINISH  |   |
| P   | Plain   |
| SIZE  |   |
| 1<br>2<br>3<br>4<br>25<br>30<br>50<br>65              | 7" x 16"<br>7" x 32"<br>4.08" x 8"<br>4.08" x 14"<br>4" x 9"<br>4.118" x 10"<br>4" x 21"<br>4.118" x 22"  |
| RING  |   |
| P<br>M<br>PER<br>MER<br>DS<br>S<br>SS<br>PR<br>N<br>Z | Polypropylene P-Flange<br>Polypropylene M-Flange<br>Polyester P-Flange<br>Polyester M-Flange<br>Draw String<br>Carbon Steel Ring<br>Stainless Steel Ring<br>Polypropylene Ring<br>No Ring<br>*Polypropylene Z-Flange<br><br><small>* Fits Size 25, 50 bags only</small> |
| OPTIONS   |   |
| HS  | Handle-Strap  |



# POXL & PEXL X-TRA LIFE FILTER BAGS

Extended Life Bags

- ▶ INKS, PAINTS & COATINGS
- ▶ GENERAL CHEMICAL

- ▶ PROCESS WATER
- ▶ FOOD AND BEVERAGE INDUSTRY

X-TRA Life Filter Bags utilize state-of-the-art needling technology providing outstanding filtration performance in a variety of applications.

Our polyester and polypropylene X-TRA Life materials utilize a proprietary fiber blend configuration to create a media that is heavier, thicker and stronger than standard felted media. This formulation delivers enhanced efficiencies, without increasing initial differential pressure.

Both the POXL and PEXL bags are ideal for removing gels, irregular shaped particles in liquid streams with a wide particle size distribution. X-TRA Life Filter Bags are available in designs that comply with both FDA and EC requirements for food and beverage contact.

- ▶ FIELD TESTS ARE VERIFYING THAT OUR POXL AND PEXL FILTERS LAST AN AVERAGE OF 2 TO 4 TIMES LONGER THAN CONVENTIONAL BAGS
- ▶ REDUCED OPERATING COSTS DUE TO FEWER BAG CHANGEOUTS
- ▶ REDUCED LABOR COSTS ASSOCIATED WITH FEWER BAG CHANGES
- ▶ REDUCED DISPOSAL COST
- ▶ INCREASED PRODUCTIVITY DUE TO STAYING ONLINE LONGER BETWEEN CHANGEOUTS
- ▶ THERMALLY TREATED FABRIC FINISH WHICH VIRTUALLY ELIMINATES THE POSSIBILITY OF FIBER MIGRATION
- ▶ FULLY WELDED CONSTRUCTION UTILIZING OUR SURE-WELD TECHNOLOGY IS STANDARD ON POXL BAGS



#### NEED A VESSEL FOR YOUR BAGS?

For the POXL and PEXL, the following vessel types are most commonly used:

- SRX—PAGE 136**      **SRHD—PAGE 138**      **SRID—PAGE 140**  
**SRMX—PAGE 136**      **SRMB—PAGE 144**      **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

POXL  
BAG MATERIAL

10  
MICRON RATING

S  
FINISH

2  
SIZE

M  
RING

WE  
OPTIONS

**POXL10S2MWE**

POXL and PEXL bags are available with Sure-Weld technology. Our proprietary "Tri-Seal" P-flange provides a distinct advantage compared to conventional sewn filter bag with metal snap rings or industry standard poly flanges. Using state-of-the-art welding technology specifically designed to bond needle punched textile fabrics, we are able to offer the strongest most reliable welded filter bags on the market.

Our Sure-Weld filters come with the security of an overlap side seam, which eliminates the "bump" that occurs with conventional sewn snap ring filters. By welding to a "Tri-Seal" P-flange our fully welded filter bags offer unparalleled seal security, which delivers superior filtrate consistency.



### AVAILABLE MICRON RATINGS

POXL - Polypropylene Extended Life - 1, 5, 10, 25, 50, 75, 100  
PEXL - Polyester Extended Life - 1, 5, 10, 25, 50, 75, 100

### POLYPROPYLENE - CHEMICAL COMPATIBILITY\*\*

| TEMPERATURE | CHEMICAL         | COMPATIBILITY |
|-------------|------------------|---------------|
| 200°F       | Acids            | Excellent     |
| 200°F       | Alkali           | Excellent     |
| 200°F       | Oxidizing Agents | Excellent     |
| 200°F       | Solvents         | Average       |

### POLYESTER - CHEMICAL COMPATIBILITY\*\*

| TEMPERATURE | CHEMICAL           | COMPATIBILITY |
|-------------|--------------------|---------------|
| 300°F       | Weak Acids         | Good          |
| 300°F       | Strong Acids       | Good          |
| 300°F       | Weak Alkali        | Poor          |
| 300°F       | Strong Alkali      | Poor          |
| 300°F       | Solvents           | Very Good     |
| 300°F       | Petroleum Products | Very Good     |

\*\*Reflective of Filter Bag Material only. Please consult with your Application Engineer to verify specific chemical compatibility

## ORDER OPTIONS

| MATERIAL   |  |
|--|--|
| POXL<br>PEXL   | Polypro. Extended Felt Life<br>Polyester Extended Felt Life                                  |
| MICRON RATINGS   |  |
| POXL - 1, 5, 10, 25, 50, 75, 100<br>PEXL - 1, 5, 10, 25, 50, 75, 100 |  |
| FINISH   |  |
| S<br>N   | Singed<br>Nylon Mesh Cover   |
| SIZE   |  |
| 1<br>2   | 7" x 16"<br>7" x 32"   |
| RING   |  |
| P<br>M<br>PER<br>MER   | Polypropylene P-Flange<br>Polypropylene M-Flange<br>Polyester P-Flange<br>Polyester M-Flange |
| OPTIONS  |  |
| WE   | Sure-Weld  |

# EVP/EVP-A ENHANCED VERTICAL PLEAT

Extended Life Bags

- ▶ GLYCOLS
- ▶ AMINES
- ▶ COOLANTS
- ▶ ADHESIVES
- ▶ RESINS
- ▶ PETRO-CHEMICALS
- ▶ FINE CHEMICALS
- ▶ PLATING SOLUTIONS
- ▶ FOOD & BEVERAGE APPLICATIONS
- ▶ INKS, PAINTS & COATINGS
- ▶ COOLING TOWERS
- ▶ DOWN WELL INJECTION
- ▶ CUTTING FLUIDS
- ▶ HIGH PURITY WATER

Strainrite's **EVP (Enhanced Vertical Pleat)** filters are the product of years of successful, application specific filtration in a variety of industries, using the Model 8T as the genesis of the Value-Life Series.

By working closely with our distributor partners, and their valued customers, we have learned how to amplify the critical features that make the **EVP** the greatest value in the filtration marketplace today. With proprietary advances in pleat profile and rigidity, graded density materials of construction, and utilized surface area, no filter element provides equal filtration performance, life and loading capacity at a similar price.



- ▶ **OPTIMIZED PLEAT PROFILE RIGIDITY PROVIDES > 50% INCREASES IN SURFACE AREA UTILIZATION INCREASE AND PROTECTS FINAL FILTER MEDIA FROM PREMATURE BLINDING AND INCREASES FILTER LIFE**
- ▶ **TRUE GRADED DENSITY DESIGN AND INCREASED SURFACE AREA**
- ▶ **REDUCED FILTER ELEMENT DISPOSAL COSTS**
- ▶ **LONGER, UNINTERRUPTED RUN TIMES**
- ▶ **REDUCED EMPLOYEE EXPOSURE, REDUCED PRODUCT LOSS AND REAL LABOR COST-SAVINGS DUE TO FEWER FILTER CHANGE-OUTS**
- ▶ **NO EQUIPMENT MODIFICATION REQUIRED, FITS ALL INDUSTRY STANDARD #1 AND #2 SIZE BAG HOUSINGS**
- ▶ **CARBON STEEL AND STAINLESS STEEL RINGS AND PLASTIC FLANGES; HANDLE STRAP INCLUDED**
- ▶ **OPTIONAL ZERO-BYPASS VESSELS AVAILABLE**

## AQUA-RITE EVP

- ▶ **FDA COMPLIANT**

### NEED A VESSEL FOR YOUR BAGS?

For the EVP/EVP-A and Aqua-Rite EVP, the following vessel types are most commonly used:

- SRX—PAGE 136**
- SRHD—PAGE 138**
- SRID—PAGE 140**
- SRMX—PAGE 136**
- SRMB—PAGE 144**
- SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

SP

BAG MATERIAL

25

MICRON RATING

P

FINISH

2

SIZE

S

RING

EVP

OPTIONS

SP25P2SEVP

### RESULTS FROM FIELD CASE STUDIES - SURFACE AREA AND LIFE IMPROVEMENT

| Product Styles              | Bag Life | Surface Area in Square Feet |    |    |    |    |    |    |  |
|-----------------------------|----------|-----------------------------|----|----|----|----|----|----|--|
|                             |          | 5                           | 10 | 15 | 20 | 25 | 30 | 35 |  |
| #2 Size Filter Bag (SP1P2S) | 1 Day    | ■                           |    |    |    |    |    |    |  |
| Value Life EVP (SP1P2S-EVP) | 11 Days  | ■■■■■■■■■■                  |    |    |    |    |    |    |  |

### RESULTS FROM FIELD CASE STUDIES - WASTE WATER STUDY

| Product Styles | Filter Life in Hours | Filter Life in Hours |    |    |    |    |    |    |  |
|----------------|----------------------|----------------------|----|----|----|----|----|----|--|
|                |                      | 5                    | 10 | 15 | 20 | 25 | 30 | 35 |  |
| AP10P2S        |                      | ■                    |    |    |    |    |    |    |  |
| AP10P2S-EVP    |                      | ■■■■■■■■■■           |    |    |    |    |    |    |  |

### OPTIMIZED PLEAT PROFILE



14 square feet (size 2) of media versus 4 square feet of media standard bag

7 square feet (size 1) of media versus 2 square feet of media standard bag

Fits in standard size 1 / size 2 housing

## ORDER OPTIONS

### MATERIAL

SP Polypropylene Felt  
AP Polyester Felt  
AR Aqua-Rite Polypropylene Felt

### MICRON RATINGS

1T, 1, 5, 10, 25, 50, 75, 100, 150, 200

### FINISH

S Singed  
P Plain

### SIZE

1 7" x 16"  
2 7" x 32"

### RING

P Polypropylene P-Flange  
M Polypropylene M-Flange  
PER \*Polyester P-Flange  
MER \*Polyester M-Flange  
S Carbon Steel Ring  
SS Stainless Steel Ring

*\*Not available in Aqua-Rite*

### OPTIONS

EVP Enhanced Vertical Pleat

# AA - ADDITIONAL AREA NEEDLE-PUNCH FELT

Extended Life Bags

- ▶ INKS, PAINTS & COATINGS
- ▶ EDIBLE OILS
- ▶ PROCESS WATER
- ▶ WASTE WATER
- ▶ FOOD & BEVERAGE INDUSTRY

Added Area AA bags provide 65% more surface area and frequently provide a vastly disproportionate benefit – life advantages of 4-5 x have been reported (actual benefit for a given application must be assessed on a case-by-case basis).

The Strainrite Companies offer the widest range of needle punch felt filters in the market. We have formed long term strategic partnerships with North America's largest and most respected needle punch manufacturers.

All of our fabrics are manufactured on state-of-the art high speed needling equipment that continuously monitor key specifications in real time resulting in the most uniform and consistent fabric across the entire web in our industry. By combining our technically advanced converting process with industry's most reliable media The Strainrite Companies offers [The AA](#), a felt filter bag that leads in product quality, reliability and repeatability.



- ▶ 65% MORE SURFACE AREA THAN YOUR STANDARD SIZE 2 BAG FILTER
- ▶ UP TO 50% MORE FLOW THAN YOUR STANDARD SIZE 2 BAG FILTER
- ▶ LOWER TOTAL COSTS DUE TO HIGHER SOLIDS LOADING CAPABILITIES
- ▶ REDUCED LABOR COSTS FROM FEWER CHANGE-OUTS
- ▶ SMALLER HOUSING FOOT-PRINT IN NEW APPLICATION
- ▶ LOWER HOLD-UP VOLUME (67% LESS)
- ▶ LESS PRODUCT DRAG-OUT
- ▶ BAGS ARE FULLY WELDED, AVAILABLE IN BOTH 100% POLYPROPYLENE AND 100% POLYESTER CONSTRUCTION

*For BRB-AA bags that will not be placed in a fully-welded Strainrite AA basket or will be installed using a non-welded AA insert, contact The Strainrite Companies or your distributor for additional ordering instructions – a length suffix code must also be used in those situations. Polyloc™ is a trademark of the Pall Corporation. Sentinel™ and Hayflow™ are trademarks of the Eaton Corporation. DuoFlo™ is a trademark of 3M CUNO.*

## NEED A VESSEL FOR YOUR BAGS?

For the AA Added Area, the following vessel types are most commonly used:

**SRX—PAGE 136**    **SRHD—PAGE 138**    **SRID—PAGE 140**  
**SRMX—PAGE 136**    **SRMB—PAGE 144**    **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.



## ORDER GUIDE

SP

BAG MATERIAL

10

MICRON RATING

S

FINISH

1

SIZE

P

RING

AA

OPTIONS

SP10S1P-AA

The **BRB-AA Resinator** filter bag combines the benefits of added filter area with a resin-bonded filter medium that provides extra-ordinary life and high quality filtration for coatings, resins, paints, and adhesives. The non-compressible filter medium is ideal for high viscosity fluids. The phenolic-resin impregnated filter medium is tolerant to temperatures of 250°F when used with polyester hardware.

**Note: The BRB-AA Resinator filter bag is not intended for food, beverage and pharmaceutical applications.**



## ORDER OPTIONS

| MATERIAL  |   |
|---|---|
| SP  | Polypropylene Felt                            |
| AP  | Polyester Felt                                |
| POXL  | Extended Life Polypropylene                   |
| PEXL  | Extended Life Polyester                       |
| BRB   | Resin-Bonded Polyester Felt                   |
| MICRON RATINGS  |   |
| AP: 1T, 1, 5,10, 25, 50, 75, 100, 200<br>SP: 1T, 1, 5,10, 25, 50, 75, 100, 200<br>POXL: 1, 5,10, 25, 50, 75, 100<br>PEXL: 1, 5,10, 25, 50, 75, 100<br>BRB: 1T,1,5,10,25,50,75,100,200 |   |
| FINISH  |   |
| S   | *Singed                                       |
| P   | **Plain                                       |
| SIZE  |   |
| 1   | 7" x 16"                                      |
| 2   | 7" x 32"                                      |
| RING  |   |
| P   | Polypropylene P-Flange                        |
| M   | Polypropylene M-Flange                        |
| PER   | *Polyester P-Flange                           |
| MER   | *Polyester M-Flange                           |
| S   | Carbon Steel Ring                             |
| SS  | Stainless Steel Ring                          |
| OPTIONS   |   |
| AA  | Added Area <sup>††</sup>                      |
| AAH   | Added Area (Hayflow equivalent) <sup>††</sup> |
| AAC   | Added Area (Cuno equivalent) <sup>††</sup>    |
| SL-AA   | BRB Single Layer Added Area                   |

### STANDARD BAGS VS. AA BAGS

| BAG SIZE | DIAMETER (INCHES) | LENGTH (INCHES) | TOTAL AREA (SQUARE FEET) |
|----------|-------------------|-----------------|--------------------------|
| 1        | 7.000             | 16.0            | 2.44                     |
| 1-AA     | 7.000             |                 | 4.03                     |
| 2        | 7.000             | 30.5            | 4.66                     |
| 2-AA     | 7.000             |                 | 7.69                     |

### RETROFIT / REPLACEMENT FEATURES



Retrofits in standard #1 and #2 bag filter vessels (requires a basket change)

Ease of insertion with fully-welded bottoms

Drop-in replacement for DuoFlo™ and Hayflow™ (no basket change required)

Utilizes both Strainrite P-flange (Polyloc™) and M-Flange (Sentinel™)

P-flange (Polyloc™)

M-Flange (Sentinel™)



<sup>†</sup>Not available in BRB-AA  
<sup>††</sup>Not available in POXL or PEXL  
<sup>†††</sup>Not available in POXL, PEXL or BRB-AA  
<sup>††††</sup>Not available in BRB

# SPMF HIGH EFFICIENT

High Efficiency Filter Bags

- ▶ INKS & PAINTS
- ▶ GENERAL CHEMICAL
- ▶ OIL INDUSTRY
- ▶ PHARMACEUTICAL INDUSTRY
- ▶ AMINES
- ▶ PROCESS WATER
- ▶ MICROELECTRONICS INDUSTRY
- ▶ FOOD & BEVERAGE INDUSTRY

SPMF High Efficient Filter Bags are an excellent choice over cartridges for many applications and still offer absolute filtration. A series of different sieve opening layers achieves maximum surface area and longer life exceeding cartridge life substantially. SPMF bags do offer lower operating cost and still maintain the use of existing filter housings without the expense of new capital equipment.

All Strainrite SPMF bags are totally welded with our proprietary welding techniques to assure no particulate bypass and best cleanliness. Strainrite's chemically resistant polypropylene flange withstands and responds to increased flow rates and improves over high ranges of pressure, temperatures and microns. The molded (built-in) handles make quick and easy bag removal.



- ▶ ALL COMPONENTS USED IN SPMF BAGS ARE FDA/EC LISTED MATERIALS FOR FOOD AND BEVERAGE APPLICATIONS
- ▶ AVAILABLE IN 1A, 2A, 5A 10A AND 25A ABSOLUTE EFFICIENCIES
- ▶ AVAILABLE WITH ZERO-BYPASS, 5 POINTS-OF-SEAL, EDPM TOP FLANGE AND OPTIONAL COMPRESSION DEVICE

#### NEED A VESSEL FOR YOUR BAGS?

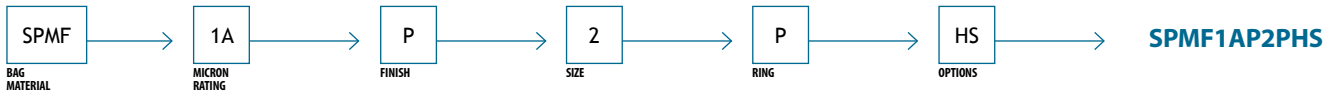
For the SPMF, the following vessel types are most commonly used:

- SRX—PAGE 136
- SRHD—PAGE 138
- SRID—PAGE 140
- SRMX—PAGE 136
- SRMB—PAGE 144
- SRL—PAGE 134

As always, discuss your options with your local sales representative to find the best fit for your application.



## ORDER GUIDE



Strainrite's **SPMF** bags are developed to deliver longer life and absolute filtration. Each inner component is developed specifically to achieve continuous finer filtration inside to out with gradual particulate removal separation. Actual production runs have proven longer life and more effective clarity. 100% polypropylene construction, silicone free all in one easily disposable bag makes filtering very cost effective.

Strainrite's **SPMF** filter bags give absolute micron filtration and are available in 1A, 5A, 10A and 25 A micron ratings. Our bags replace expensive absolute rated cartridges by reducing filter costs due to bags having substantially more surface area. Standard needle punched felt bags are made from nominally rated media that has a fiber structure that is not as fine a filtration grade as melt blown media used in Strainrite's **SPMF** bags. Our bags have been designed to deliver calibrated fractional efficiency on very small particles down to less than one micron. Strainrite's **SPMF** bags are completely welded and welded to our snap type polypropylene molded flange.

| ABSOLUTE RATED RETENTION |
|--------------------------|
| 1, 2, 5, 10, 25          |
| FINISH                   |
| PLAIN                    |

## ORDER OPTIONS

| MATERIAL                        |   |
|---------------------------------|---|
| SPMF                            | SPMF High Efficient   |
| MICRON RATINGS                  |   |
| 1A, 2A, 5A, 10A, 25A            |   |
| FINISH                          |   |
| P                               | Plain   |
| SIZE                            |   |
| 1                               | *7" x 16"   |
| 2                               | 7" x 32"  |
| <i>*Not available in 1A, 2A</i> |   |
| RING                            |   |
| P<br>M<br>S<br>SS               | Polypropylene P-Flange<br>Polypropylene M-Flange<br>Carbon Steel Ring<br>Stainless Steel Ring |
| OPTIONS                         |   |
| HS                              | Handle Strap  |

# HI-PRO MICRO

High Efficiency Filter Bags

- ▶ PAINTS
- ▶ GENERAL CHEMICAL
- ▶ FOOD & BEVERAGE INDUSTRY

- ▶ COATINGS
- ▶ PRODUCED WATER FROM GAS DRILLING
- ▶ HIGH PURITY WATER

The Strainrite Companies introduced the Hi-Pro Micro line of high-performance filter bags several years ago and it has proved to be a very successful product. This line provides a full range of absolute rated filter bags to meet all your exacting needs. All four editions of the **Hi-Pro Micro (HPM)** line incorporate Strainrite's unique graduated layering of media — starting with a built-in pre-filter inner layer and progressing to the tighter outer layers. The smaller particles are systematically removed as fluid travels through multiple layers with each individual layer performing a special function. This graduation aids in the prevention of premature blinding which causes unnecessary filter change out.

The product line offerings include the **Hi-Pro Micro 9200**, the **Hi-Pro Micro 9500**, the **Hi-Pro Micro 9700**, and the ultimate in bag filtration, the **Hi-Pro Micro 9900**.



## HPM-9200 & HPM-9500:

- ▶ WELL SUITED FOR APPLICATIONS REQUIRING REMOVAL OF SPECIFIC PARTICLE SIZES FROM LIQUIDS AT A REASONABLE COST/BENEFIT RATIO
- ▶ UP TO 95% EFFICIENCY

## HPM-9700 & HPM-9900:

- ▶ UP TO 99% EFFICIENCY
- ▶ BEST CHOICE FOR OIL CONTAMINATION
- ▶ EFFECTIVE REMOVAL OF GEL-LIKE PARTICLES

## AQUA-RITE HPM-9900:

- ▶ ANSI/NSF STANDARD 61 COMPLIANT
- ▶ MEETS REQUIREMENTS OF 40 CFR PARTS 141 & 142
- ▶ LT2 ENHANCED SURFACE WATER TREATMENT RULE (INDEPENDENTLY PERFORMED BY BIOVIR LABORATORIES INC.)
- ▶ APPROVED IN CALIFORNIA FOR 3 LOG REDUCTION USING STRAINRITE'S PRE & FINAL BAG SYSTEM
- ▶ BEST CHOICE FOR GIARDIA AND CRYPTOCYSTS

### NEED A VESSEL FOR YOUR BAGS?

For the Hi-Pro Micro, the following vessel types are most commonly used:

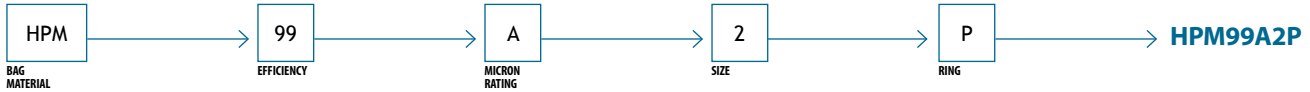
SRX—PAGE 136    SRHD—PAGE 138    SRID—PAGE 140  
SRMX—PAGE 136    SRMB—PAGE 144    SRL—PAGE 134

For the Aqua-Rite Hi-Pro Micro, the following vessel type is most commonly used:

AQ2—PAGE 150

As always, discuss your options with your local sales representative to find the best fit for your application.

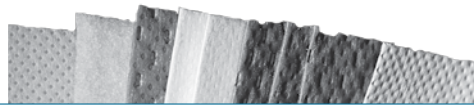
## ORDER GUIDE



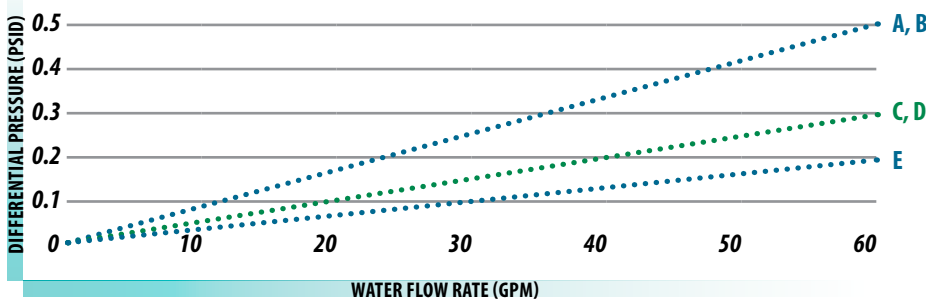
An unrivaled product, Strainrite's **Aqua Rite Hi-Pro Micro** line is the product suggested by the U.S. Environmental Protection Agency for the most effective removal of giardia and other cysts. Strainrite's product has the lowest standard deviation of any other filter, which means users achieve more consistent results from batch to batch. Equally important, this product presents the ultimate value in high purity filtration. The product line includes the **HPM99-CC-2SR** and **HPM99-CCX-2SR**, the ultimate in bag filtration. The two bags work in combination to achieve our drinking water approved system

### UNIQUE GRADUATED FILTER DESIGN

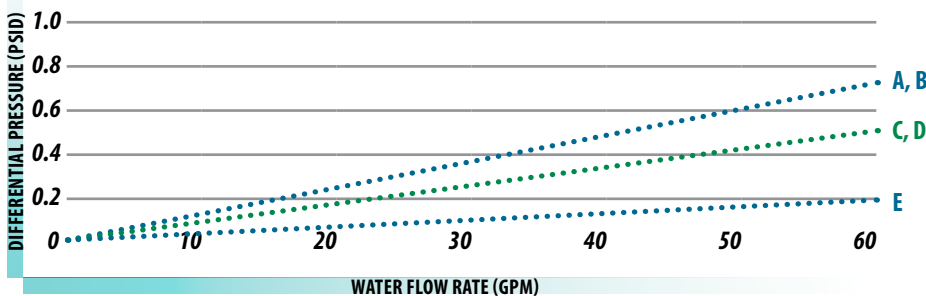
All four editions of the Hi-Pro Micro (HPM) line incorporate Strainrite's unique graduated layering of media — starting with a built-in pre-filter inner layer and progressing to the tighter outer layers.



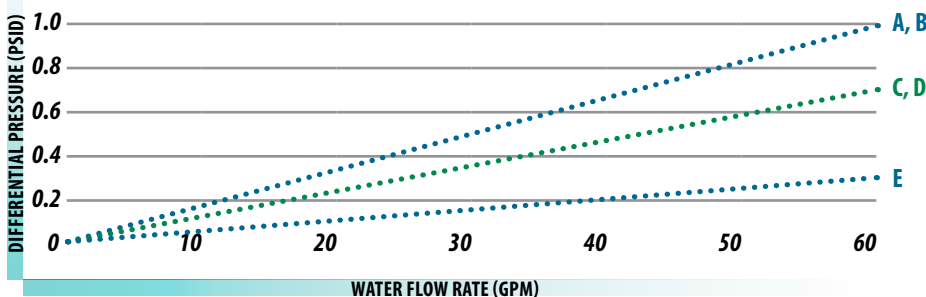
### PERFORMANCE CHARACTERISTICS - HPM 9200 SERIES



### PERFORMANCE CHARACTERISTICS - HPM 9500 SERIES



### PERFORMANCE CHARACTERISTICS - HPM 9700 SERIES



## ORDER OPTIONS - HPM

| MATERIAL      |                         |
|---------------|-------------------------|
| HPM           | Hi-Pro Micro            |
| EFFICIENCY    |                         |
| 99            | 9900 Series - 99%       |
| 97            | 9700 Series - 97%       |
| 95            | 9500 Series - 95%       |
| 92            | 9200 Series - 92%       |
| MICRON RATING |                         |
| A             | 1.0                     |
| B             | 3.5                     |
| C             | 5.0                     |
| D             | 10.0                    |
| E             | 25.0                    |
| SIZE          |                         |
| 1             | 7" x 16"                |
| 2             | 7" x 32"                |
| 3             | 4.08" x 8"              |
| 4             | 4.08" x 14"             |
| 25            | 4" x 9"                 |
| 30            | 4.118" x 10"            |
| 50            | 4" x 21"                |
| 65            | 4.118" x 22"            |
| RING          |                         |
| P             | Polypropylene P-Flange  |
| M             | Polypropylene M-Flange  |
| S             | Carbon Steel Ring       |
| SS            | Stainless Steel Ring    |
| Z             | Polypropylene Z-Flange* |

\*Fits Size 25, 50 bags only

## ORDER OPTIONS: AQUA-RITE HPM

| AQUA-RITE HI-PRO MICRO |                                 |
|------------------------|---------------------------------|
| HPM99-CC-2SR           | Primary Filter (pre-filter)     |
| HPM99-CCX-2SR          | Secondary Filter (final filter) |

# ACCURITE ULTRA-EFFICIENT

High Efficiency Filter Bags - Polypropylene Support

- ▶ INKS & PAINTS
- ▶ GENERAL CHEMICAL
- ▶ PETROCHEMICAL
- ▶ PHARMACEUTICAL INDUSTRY
- ▶ COATINGS
- ▶ PROCESS WATER
- ▶ MICROELECTRONICS INDUSTRY
- ▶ FOOD & BEVERAGE INDUSTRY

Accu-Rite Ultra-Efficient Filter Bags achieve efficiencies greater than 99% and are available in 1.5, 3, 10 and 25 micron ratings. They are an excellent choice where the convenience of bag filtration is required in combination with absolute filtration. We employ specially-engineered filtration layers in combination to achieve maximized performance in terms of filter life and particle retention. Accu-Rite bags offer lower operating cost while permitting the use of existing filter housings without the expense of new capital equipment.



- ▶ ALL COMPONENTS USED IN ACCU-RITE ULTRA-EFFICIENT FILTER BAGS ARE FDA/EC LISTED MATERIALS FOR FOOD AND BEVERAGE APPLICATIONS
- ▶ AVAILABLE IN 1.5, 3, 5, 10 AND 25 ABSOLUTE EFFICIENCIES
- ▶ AVAILABLE WITH ZERO-BYPASS, 5 POINTS-OF-SEAL, EDPM TOP FLANGE AND OPTIONAL COMPRESSION DEVICE
- ▶ POLYPROPYLENE COVER INCLUDED ON SIZE 1 AND 2 FILTER BAGS TO FACILITATE CHANGE-OUT.

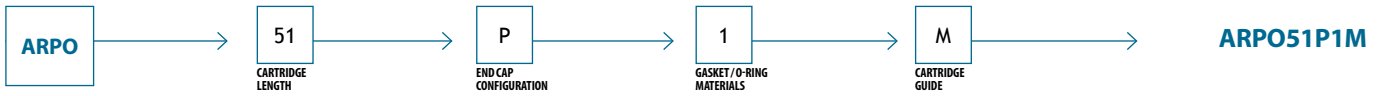
#### NEED A VESSEL FOR YOUR BAGS?

For the Accu-Rite, the following vessel types are most commonly used:

- SRX—PAGE 136
- SRHD—PAGE 138
- SRID—PAGE 140
- SRMX—PAGE 136
- SRMB—PAGE 144
- SRL—PAGE 134

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

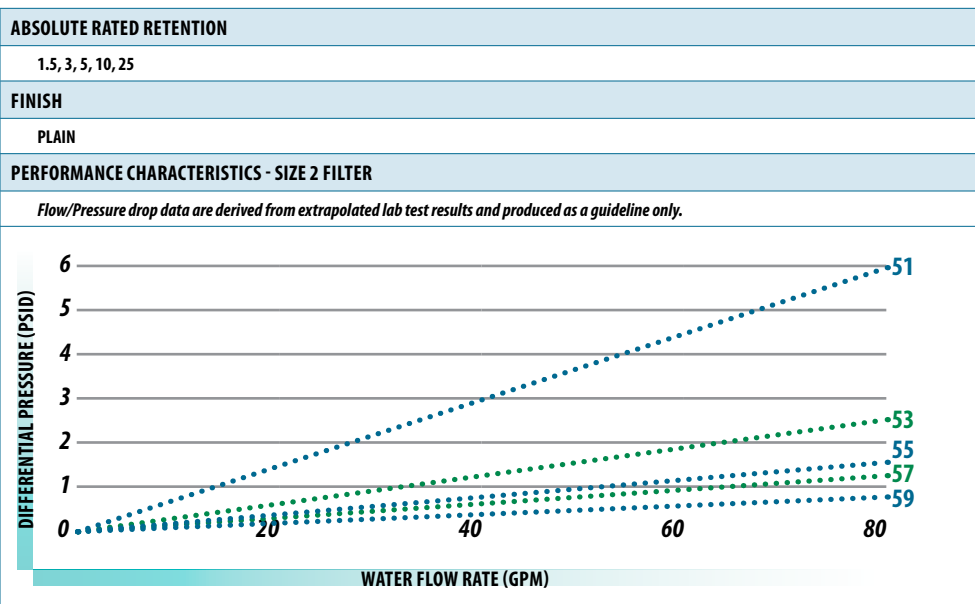


All Strainrite **Accu-Rite** bags are totally welded with our proprietary welding techniques to assure absence of particulate bypass and best cleanliness. Strainrite's chemically-resistant polypropylene flange withstands and responds to increased flow rates, performing reliably over high ranges of pressure and temperature, and providing a high-performance seal consistent with the micron rating of the filter. The molded (built-in) handles make quick and easy bag removal.

Strainrite has achieved superior results by engineering a filter construction that removes progressively smaller contaminants as fluids move from upstream to downstream through our proprietary filter media. Actual production runs have proved that the **Accu-Rite Ultra-Efficient Filter Bags** provide longer life and superior clarity. These filters, comprised of 100% polypropylene filter medium with polypropylene support, are manufactured in a silicone free facility in which each employee has received CRATER training.

**Accu-Rite** filters are available with a variety of rings and flanges to fit most filter housings. This includes Strainrite's M-Flange which is employed in retrofitting a competitor's Sentinel™ flange\*.

\*Sentinel™ is a trademark of Eaton Corporation.



## ORDER OPTIONS

| MATERIAL         |                        |
|------------------|------------------------|
| ARPO             | Accu-Rite              |
| CARTRIDGE LENGTH |                        |
| 51               | 1.5μ - 99%             |
| 53               | 3μ - 99%               |
| 55               | 5μ - 99%               |
| 57               | 10μ - 99%              |
| 59               | 25μ - 99%              |
| FINISH           |                        |
| P                | Plain                  |
| SIZE             |                        |
| 1                | 7" x 16.5"             |
| 2                | 7" x 30.5"             |
| RING             |                        |
| P                | Polypropylene P-Flange |
| M                | Polypropylene M-Flange |
| S                | Carbon Steel Ring      |
| SS               | Stainless Steel Ring   |



# BRB / BRB-AA RESINATOR

Resin-Bonded Specialty Bags

- ▶ INKS
- ▶ PAINTS
- ▶ COATINGS
- ▶ HYDRAULIC FLUIDS
- ▶ RESINS
- ▶ ADHESIVES
- ▶ PRODUCED FLUIDS
- ▶ PETROLEUM PRODUCTS

Once again, The Strainrite Companies delivers true filtration innovation by combining only the positive qualities of resin-bonded cartridges with the proven advantages of a Strainrite premium quality filter bag.

**Resinator** users gain the non-compressible media depth of a resin filter, along with the greatly enhanced solids loading capacity and cost saving features of a Strainrite gradient-density filter bag. This product excels in a wide variety of high viscosity fluid filtration applications where authoritative removal of problematic gels is required.

These “hard body” filter bags represent a significant advancement in the utilization of rigid fiber technology and illustrate the leadership role The Strainrite Companies plays in supplying vision and technical leadership when designing and manufacturing liquid filter bags.

This graduated double layer product design combines the depth loading efficiency of resin bonded cartridges with the greater dirt loading capacity of a filter bag creating the most cost effective method for filtering both low and high viscosity fluids.



- ▶ **NON-COMPRESSIBLE MEDIA DEPTH**
- ▶ **RIGID FIBER TECHNOLOGY**
- ▶ **GRADUATED DOUBLE LAYER**
- ▶ **HIGH DIRT LOADING CAPACITY**

*\*\* note: for AA bags that will not be placed in a Strainrite-manufactured AA basket, or that will be used with a basket-insert, a non-standard length bag may be required. Contact your Strainrite distributor for assistance.*

## NEED A VESSEL FOR YOUR BAGS?

For the BRB Resinator, the following vessel types are most commonly used:

- SRX—PAGE 136**
- SRHD—PAGE 138**
- SRID—PAGE 140**
- SRMX—PAGE 136**
- SRMB—PAGE 144**
- SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

BRB  
BAG MATERIAL

1T  
MICRON RATING

P  
FINISH

1  
SIZE

M  
RING

—

SL  
OPTIONS

BRB1TP1MSL

**New: Resinator filter bags are now available in an AA (added area) configuration. This configuration provides 70% more surface area and often provides a disproportionately larger benefit. A Resinator filter bag in the AA configuration combines the benefits of a non-compressible filter medium and the extended filter life and greater throughputs of added surface area. (Requires use of an AA basket.)**



### MAXIMUM OPERATING TEMPERATURE

180°F (80°C) with polypropylene hardware  
250°F (121°C) with polyester hardware or metal ring

### ORDER OPTIONS

| MATERIAL                                  |                                       |
|---|---------------------------------------|
| BRB                                       | Resin-Bonded Polyester Felt           |
| MICRON RATINGS                            |                                       |
| 1T, 1, 5, 10, 25, 50, 75, 100, 200        |                                       |
| FINISH                                    |                                       |
| P   | Plain                                 |
| SIZE                                      |                                       |
| 1   | 7" x 16"                              |
| 2   | 7" x 30.5"                            |
| RING                                      |                                       |
| P   | Polypropylene P-Flange                |
| M   | Polypropylene M-Flange                |
| PER                                       | Polyester P-Flange                    |
| MER                                       | Polyester M-Flange                    |
| SHS                                       | Carbon Steel Ring w/ Handle Strap*    |
| SSHS                                      | Stainless Steel Ring w/ Handle Strap* |
| PRHS                                      | Polypropylene Ring w/ Handle Strap*   |
| <small>*Not available for AA bags</small> |                                       |
| OPTIONS                                   |                                       |
| -   | Double Layer Standard Bag             |
| SL  | Single Layer Standard Bag             |
| SLAA                                      | Single Layer Added Area Bag           |



# ABSORB-RITE® BAGS

Specialty Bags

▶ ELECTROPLATING  
▶ PICKLING LIQUIDS  
▶ LIQUID FERTILIZERS

▶ GLYCOLS  
▶ WASTE WATER  
▶ CUTTING OIL REMOVAL

The **Absorb-Rite®** filter bag from The Strainrite Companies substantially reduces oil and grease from aqueous based liquids. The **Absorb-Rite®** bag offers a unique two-in-one design that forces the liquid through the entire length of the filter, therefore uniformly utilizing all the absorbant media.

Typically, this unique filter absorbs 10-15 times its weight in oil. The **Absorb-Rite®** offers in excess of 50% more absorbency than competing brands.

**Absorb-Rite®** filter bags are available to fit all bag filter housings. Anywhere oil or grease must be separated and removed from an industrial stream, Absorb-Rite® bags are designed to fill the need. Best results at low flow rates to achieve longer contact time.

- ▶ **UNIQUE THREE LAYER CONSTRUCTION RESULTS IN MAXIMUM EXPOSURE TIME AT MINIMUM FLOW RATE**
- ▶ **THE TOP DISC PRE-FILTER MATERIAL REMOVES DIRT AND OTHER PARTICULATE MATERIAL PRIOR TO THE ADSORPTION OF HYDROCARBONS**
- ▶ **DESIGNS AVAILABLE TO REMOVE PARTICLES IN THE 1-200 MICRON RANGE**
- ▶ **HIGHER HYDROCARBON REMOVAL CAPACITY THAN OTHER FILTER BAGS ON THE MARKET**
- ▶ **HIGHER CAPACITY THAN MOST OTHER BAGS ON THE MARKET**
- ▶ **STANDARD BAGS FIT SRID AND SRHD FILTER VESSELS (FIT COMPETITOR HOUSINGS AS WELL)**
- ▶ **DESIGNED TO MINIMIZE CONTAMINATION DURING CHANGEOVER**

#### NEED A VESSEL FOR YOUR BAGS?

For the Absorb-Rite, the following vessel types are most commonly used:

**SRX—PAGE 136**    **SRHD—PAGE 138**    **SRID—PAGE 140**    **SRL—PAGE 134**  
**SRMX—PAGE 136**    **SRMB—PAGE 144**    **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

SP  
BAG  
MATERIAL

1  
MICRON  
RATING

S  
FINISH

2  
SIZE

P  
RING

—

C  
OPTIONS

SP1S2PC



### MATERIALS

Polypropylene Felt

### FLOW RATE

#2 Size = 5 gpm  
#1 Size = 2½ gpm  
Estimate flows depending upon ppm oil and viscosity

### MICRON RATINGS

1,5,10,25,50,75,100,200

### FINISH

Singed

## ORDER OPTIONS

| MATERIAL  |                          |
|---|--------------------------|
| SP  | Polypropylene Felt       |
| MICRON RATINGS  |                          |
| 1,5,10,25,50,75,100,200   |                          |
| FINISH  |                          |
| S   | Singed                   |
| SIZE  |                          |
| 1   | 7" x 16"                 |
| 2   | 7" x 32"                 |
| 3   | 4.08" x 8"               |
| 4   | 4.08" x 14"              |
| 25  | *4" x 9"                 |
| 30  | *4.118" x 10"            |
| 50  | *4" x 21"                |
| 65  | *4.118" x 22"            |
| <i>*Not available with Polypropylene Ring</i>   |                          |
| RING  |                          |
| P   | Polypropylene P-Flange   |
| M   | Polypropylene M-Flange   |
| SHS   | Carbon Steel Ring*       |
| SSH   | Stainless Steel Ring*    |
| PRHS  | Polypropylene Ring*      |
| Z   | Polypropylene Z-Flange** |
| <i>*For Bags with Rings, HS is added to standard code, as Handle Straps (HS) are always standard on Absorb-Rite bags with rings</i> |                          |
| <i>**Fits Size 25, 50 bags only</i>   |                          |
| OPTIONS   |                          |
| C   | Absorb-Rite              |

# MAG-BAG

Multi-magnet design for metal removal - Specialty Bags

- ▶ PLATING
- ▶ PARTS WASHERS
- ▶ MACHINING COOLANTS
- ▶ MACHINING LUBRICANTS

- ▶ AUTOMOTIVE PRE-COAT
- ▶ CUTTING, GRINDING AND BORING
- ▶ PRE-CLEANING PROCESS WATER BEFORE SENSITIVE OPERATIONS

The **MAG-BAG** incorporates a multi-purpose design that attracts microscopic ferrous impurities along the entire length of the 12" or 24" magnetic bars\*. Filter life is optimized, as the ferrous particles are largely attracted to the magnet contaminate pockets, as opposed to the exit wall of the filter.

Lacking Strainrite's proprietary multi-magnet configuration, other filter bags do not provide the same extensive sphere of influence and struggle to maintain high production flow rates.

Independent field studies demonstrate ferrous containment gain greater than two times over conventional filters.

- ▶ **STANDARD THREE POCKET DESIGN ACCOMMODATES 3 MAGNETIZED RODS**
- ▶ **MINIMIZES DOWNTIME AND WASTE-WATER TREATMENT COSTS**
- ▶ **KEEPS SPRAY NOZZLES CLEAN AND ENHANCES PRODUCT APPEARANCE**
- ▶ **MULTI-MAGNET DESIGN FOR UNSURPASSED METAL REMOVAL**
- ▶ **MAXIMIZES PRODUCTION CAPACITY AND PRODUCT QUALITY**
- ▶ **EXTENDS LIFE OF CUTTING TOOLS, EQUIPMENT AND METAL-WORKING LIQUIDS**
- ▶ **TRAPS 200% MORE FERROUS FINES**
- ▶ **COST-EFFECTIVE REUSABLE RARE EARTH MAGNETS WITH 1" LIFTING LOOP FOR EASY REMOVAL**

*\*note: Magnets not included. Contact your Strainrite distributor for a magnet quote.*

## NEED A VESSEL FOR YOUR BAGS?

For the MAG-BAG, the following vessel types are most commonly used:

**SRX—PAGE 136**      **SRHD—PAGE 138**      **SRID—PAGE 140**  
**SRMX—PAGE 136**      **SRMB—PAGE 144**      **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

SP  
BAG MATERIAL

1  
MICRON RATING

S  
FINISH

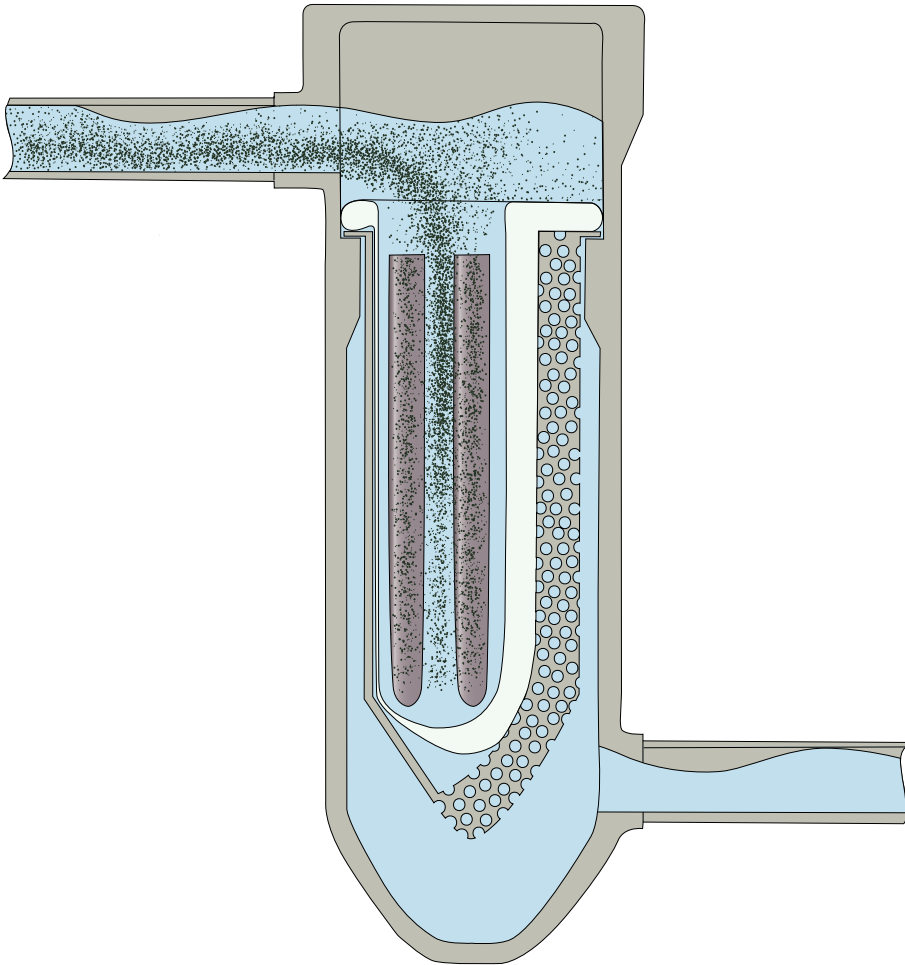
2  
SIZE

P  
RING

—

MAGBAG  
OPTIONS

SP1S2P-MAGBAG



### MATERIALS

Polypropylene  
Polyester

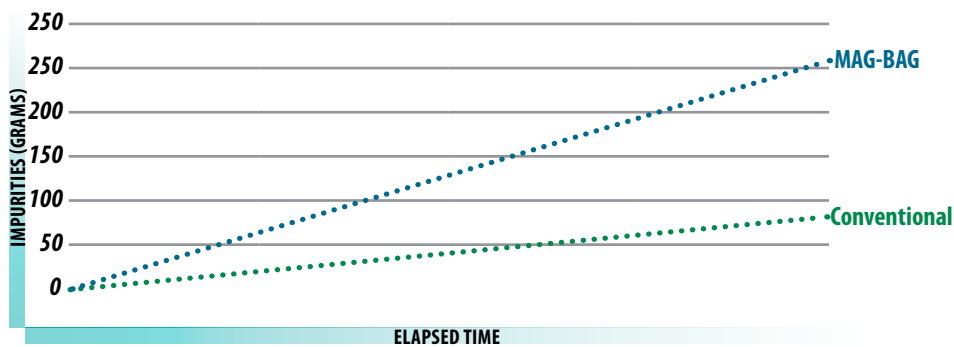
### MICRON RATINGS

1T, 1, 5, 10, 25, 50, 75, 100, 150, 200

### FINISH

SINGED ON ONE SIDE  
PLAIN

### PERFORMANCE CHARACTERISTICS - MAG-BAG VS. CONVENTIONAL FILTRATION



## ORDER OPTIONS

### MATERIAL

SP AP  
Polypropylene  
Polyester

### MICRON RATINGS

1T, 1, 5, 10, 25, 50, 75, 100, 150, 200

### FINISH

S P  
Singed on one side  
Plain

### SIZE

1 7" x 16"  
2 7" x 32"

### RING

P M S SS  
Polypropylene P-Flange  
Polypropylene M-Flange  
Carbon Steel Ring  
Stainless Steel Ring

### OPTIONS

MAG-BAG

# CARBON & CHEMICAL READY BAGS

Specialty Bags

▶ PLATING  
▶ PARTS CLEANING  
▶ WASTE WATER

▶ PRODUCED WATER  
▶ MACHINE CUTTING FLUIDS  
▶ GROUNDWATER REMEDIATION

The [Carbon Ready & Chemical Ready Bags](#) are a Strainrite filtration innovation designed to separate and remove undesirable substances from liquid streams. These proprietary filter bags feature an impervious inner liner that does not allow liquids to escape through the side walls. This maximizes contact time with the media and enhances effluent consistency.

Commonly used medias include: carbon, ion exchange resins, clays, alumina as well as other granular chemicals.

A zippered top disc allows for easy insertion of your media. The clean effluent passes through the bottom and exits the bag.

- ▶ ZIPPERED TOP DISC MAKES MEDIA LOADING EASY
- ▶ AVAILABLE IN EITHER POLYPROPYLENE OR CHEMICALLY RESISTANT NYLON PLASTIC
- ▶ EXCELLENT NOMINAL EFFICIENCY PERFORMANCE WHEN UTILIZED WITH A SUPPORT BASKET
- ▶ NON-FIBER RELEASING MATERIAL
- ▶ HYGIENICALLY SUPERIOR TO CARTRIDGE FILTRATION DUE TO INSIDE-OUT FLOW DYNAMIC, ALL IMPURITIES ARE CONTAINED INSIDE THE FILTER BAG
- ▶ REDUCED PRODUCT LOSS DUE TO VIRTUALLY NO MEDIA HOLD-UP VOLUME

## NEED A VESSEL FOR YOUR BAGS?

For the Carbon-Ready and Chemical-Ready, the following vessel types are most commonly used:

**SRX—PAGE 136**      **SRHD—PAGE 138**      **SRID—PAGE 140**  
**SRMX—PAGE 136**      **SRMB—PAGE 144**      **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.

## ORDER GUIDE

SP  
BAG  
MATERIAL

1  
MICRON  
RATING

P  
FINISH

2  
SIZE

P  
RING

CARBON  
READY  
OPTIONS

SP1P2P-CARBON READY



### MATERIAL

Polypropylene Felt  
Polyester Felt

### LINER OPTIONS

Carbon Ready - Polypropylene Liner  
Chemical Ready - Polyethylene Liner

### MICRON RATINGS

1,5,10,25,50,75,100,150,200

### FINISH

Singed  
Plain

## ORDER OPTIONS

### MATERIAL

SP  
AP

Polypropylene Felt  
Polyester Felt

### MICRON RATINGS

1,5,10,25,50,75,100,150,200

### FINISH

S  
P

Singed  
Plain

### SIZE

1  
2

7" x 16"  
7" x 30.5"

### RING

P  
SHS  
SSHHS  
PRHS

Polypropylene P-Flange  
Carbon Steel Ring\*  
Stainless Steel Ring\*  
Polypropylene Ring\*

\*For Bags with Rings, HS is added to standard code, as Handle Straps (HS) are always standard on Carbon/Chem bags with rings

### OPTIONS

Carbon  
Ready

Polypropylene Liner

Chemical  
Ready

Polyethylene Liner

# SPECIALTY PRODUCTS FOR OIL

Oil Bag

Oil Absorption Log

- ▶ PLATING SOLUTIONS
- ▶ PARTS CLEANING

- ▶ AUTOMOTIVE PAINTS
- ▶ PRODUCED FLUIDS
- ▶ AUTOMOTIVE PAINTS

The Strainrite Companies [Oil Absorbing Filter Bags](#) are made from polypropylene media that absorb oil. Oil bags utilize multi-layered technology to absorb trace amount of oils form water at moderate flow rates. Typically sizes are #1 and #2 industry standards and other sizes are available upon request.

## OIL BAG FEATURES

Dual-function oil/particulate removal

Multiple efficiency's available from 1 micron to 200 micron

Can be made with steel ring, M-flange or P-flange

Recommended flow rate:

Oil Bag #1: 25 gpm

Oil Bag #2: 50 gpm

Oil capacity:

Oil Bag #1: 1,790 grams

Oil Bag #2: 2,890 grams



## NEED A VESSEL FOR YOUR BAGS?

For the Oil Bag, the following vessel types are most commonly used:

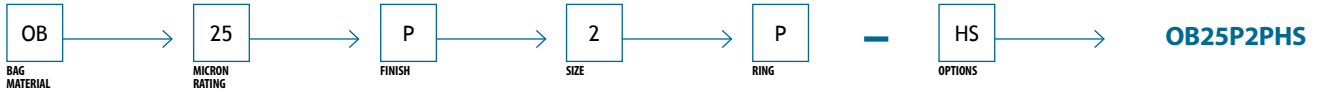
**SRX—PAGE 136**    **SRHD—PAGE 138**    **SRID—PAGE 140**    **SRL—PAGE 134**

**SRMX—PAGE 136**    **SRMB—PAGE 144**    **SRVB—PAGE 142**

As always, discuss your options with your local sales representative to find the best fit for your application.



## ORDER GUIDE



The Strainrite Companies [Oil Absorbtion Logs](#) are made from polypropylene melt blown microfiber and felt media. The log is surrounded with a heavy polypropylene mesh cover with a polypropylene center core for rigidity.

These logs can either be inserted inside a filter bag or can float on top of oil contaminate drums or vats. The unique design enhances the media's ability to "wick" the free oil and grease from contaminated liquid. The only Delta P restrictions you have is based on that of the filter bag itself, as the flow of liquids passes around the oil log.



### AVAILABLE SIZES & OIL ABSORBING CAPACITY

|           | DIAMETER | LENGTH | CAPACITY  |
|-----------|----------|--------|-----------|
| OE-LOG-1B | 3"       | 15"    | 190 grams |
| OE-LOG-2B | 3"       | 24"    | 355 grams |

### OIL LOG FEATURES

Made from polypropylene melt blown microfiber and felt media

Heavy polypropylene mesh cover

Polypropylene center core for rigidity

### ORDER OPTIONS - OIL BAG

| MATERIAL       |                        |
|----------------|------------------------|
| OB             | Oil Bag                |
| MICRON RATINGS |                        |
| 25             |                        |
| FINISH         |                        |
| P              | Plain                  |
| SIZE           |                        |
| 1              | 7" x 16"               |
| 2              | 7" x 32"               |
| RING           |                        |
| P              | Polypropylene P-Flange |
| M              | Polypropylene M-Flange |
| S              | Carbon Steel Ring      |
| SS             | Stainless Steel Ring   |
| OPTIONS        |                        |
| HS             | Handle Strap           |

### ORDER OPTIONS - OIL LOG

| MATERIAL   |                    |
|------------|--------------------|
| OE-LOG     | Oil Absorbtion Log |
| DIMENSIONS |                    |
| 1B         | 3" dia x 15" long  |
| 2B         | 3" dia x 24" long  |

# TOP/RING CONFIGURATIONS

**P:** Polypropylene P-Flange



**M:** Polypropylene M-Flange



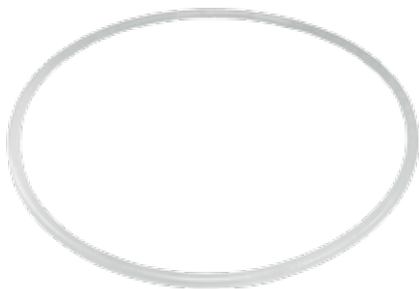
**PER:** Polyester P-Flange



**MER:** Polyester M-Flange



**P:** Polypropylene Ring



**DS:** Draw String



**S:** Carbon Steel Ring



**SS:** Stainless Steel Ring

