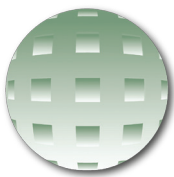
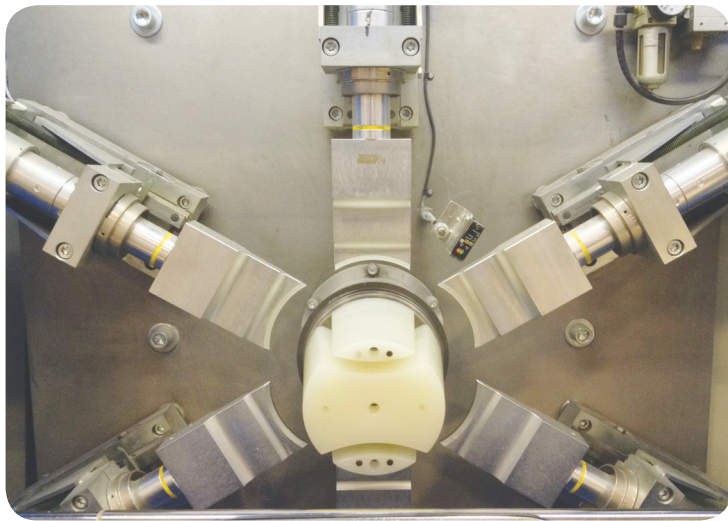


FILTER BAGS



The **STRAINRITE**
Companies | World Class
Filtration

SCIENCE, SERVICE, STRAINRITE



WE PROVIDE INNOVATIVE, REAL-TIME SOLUTIONS

At Strainrite, we believe in developing and maintaining long-term, strategic relationships with clients in order to deliver innovative, real-time solutions to specific customer and market requirements. Our new product innovations are derived from a collaborative philosophy where new products are developed through customer-supplier communication and cooperation. Additionally, within our organization, a cross-functional approach to product development is utilized to ensure that the product realization cycle is fast, complete, and efficient. Due to this unique cross-functional approach and our customer-focused company culture to support this philosophy; we are able to consistently meet and exceed our customers' expectations.

WE BELIEVE IN QUALITY CONTROL & SKILLED TECHNICAL SUPPORT

All filter bags and cartridges are manufactured in our 81,000ft² facility located in Auburn, Maine. Our Quality Management System is certified to be ISO 9001:2008 compliant, and our extensive internal systems ensure the highest quality products and processes. Our state-of-the-art equipment and highly skilled technicians are able to maintain the highest levels of product reliability and repeatability, from receipt of raw materials to shipment of finished filters.



Sure-Weld Filter Bags

featuring the proprietary (TRI-SEAL) poly flange

APPLICATIONS

- Paints and Coatings
- General Chemical
- Process water
- Food and Beverage
- Ink Industry

The Sure-Weld Felt Filter Bag, with our proprietary "TRI-SEAL" poly 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" poly flange our fully welded filter bags offer unparalleled seal security, which delivers superior filtrate consistency.

SPECIFICATIONS

POLYPROPYLENE (SP)

Temperature rating: 200°F

Available micron ratings: 1T, 1, 5, 10, 25, 50, 75, 100, 150, 200

*Chemical Compatibility:

Acids	- Excellent
Alkali	- Excellent
Oxidizing Agents	- Excellent
Solvents	- Average

POLYESTER (AP)

Temperature rating: 300°F

Available micron ratings: 1T, 1, 5, 10, 25, 50, 75, 100, 150, 200

*Chemical compatibility:

Weak Acids	- Good
Strong Acids	- Good
Weak Alkali	- Poor
Strong Alkali	- Poor
Solvents	- Very Good
Petroleum Products	- Very Good

*Please consult with your Application Engineer to verify specific chemical compatibility

ORDERING INFORMATION

Example:

Material	SP - Polypropylene Felt AP - Polyester Felt	AP
Micron Rating	1T, 1, 5, 10, 25, 50, 75, 100, 150, 200	10
Finish	S - Singed P - Plain	P
Size	1 - 7" x 16" 2 - 7" x 30.5"	2
Ring	P - Polypro Flange	P
Options	WE - Welded Seams	WE



AP10P2PWE

FEATURES AND BENEFITS

- 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

The Classic

Felt Filter Bags



APPLICATIONS

- General Chemical
- Produced water from gas drilling
- Process Water
- Food and Beverage
- Paints and Coatings

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 a felt filter bag that leads in product quality, reliability and repeatability.

FEATURES & BENEFITS

- 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

ORDERING INFORMATION

		Example:
Material	AP - Polyester SP - Polypropylene HT - Nomex N - Nylon	AP
Micron Rating	0.5,1T, 1, 5,10, 25, 50, 75, 100, 150, 200*	10
Finish	P - Plain S - Singed B - Singed both sides C - Cerex cover N - Nylon mesh cover	P
Size	1 - 7" x 16" 2 - 7" x 30.5" 3 - 4.08" x 8" 4 - 4.08" x 14" 30 - 4.118" x 10" 65 - 4.118" x 22"	2
Ring	S - Carbon Ring SS - Stainless Steel Ring P - Polypro Flange SR - Seal Rite DS - Draw String PR - Polypro Ring N - No Ring	S
Options	HS - Handle Strap AS - Fully Stitched	

AVAILABLE MATERIALS & MICRON RATINGS

	0.5	1	5	10	25	50	75	100	150	200
Polypropylene	•	•	•	•	•	•	•	•	•	•
Polyester	•	•	•	•	•	•	•	•	•	•
Nomex*		•	•	•						

*Other microns may be available upon special request.

AP10P2S

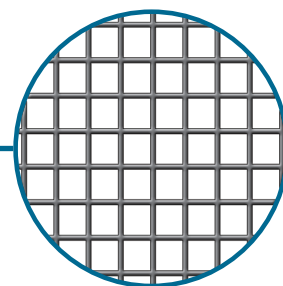
Monofilament

Mesh Filter Bags



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.



ORDERING INFORMATION

Example:

Style	Blank - Standard A - Automotive	
Material	NMO - Nylon Monofilament *PEMO - Polyester Monofilament *POMO - Polypropylene Monofilament	NMO
Micron Rating	1, 5, 10, 25, 35, 50, 75, 100, 125, 150, 200, 250, 300, 400, 600, 800	75
Finish	P - Plain	P
Size	1 - 7" x 16" 2 - 7" x 30.5" 3 - 4.08" x 8" 4 - 4.08" x 14" 30 - 4.118" x 10" 65 - 4.118" x 22"	2
Ring	P - Polypro Flange S - Carbon Steel SS - Stainless Steel PR - Polypro Ring SR - Seal Rite DS - Draw String N - No Ring	S
Options	HS - Handle Strap	HS

*Minimum order quantity may apply to some microns

→ **NMO75P2SHS**

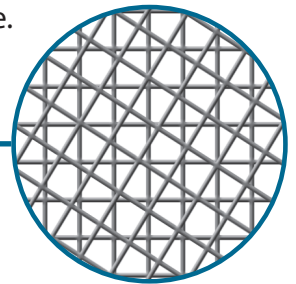
FEATURES & BENEFITS

- 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 Filter Bags

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.



APPLICATIONS

- Paints and Coatings
- General Chemical
- Process water
- Food and Beverage
- Ink Industry

ORDERING INFORMATION

Example:

Material	NMU - Nylon Multifilament PEMU - Polyester Multifilament	NMU
Micron Rating	100T, 100F, 150, 200, 250, 300, 400, 600, 600T, 800	150
Finish	P - Plain	P
Size	1 - 7" x 16" 2 - 7" x 30.5" 3 - 4.08" x 8" 4 - 4.08" x 14" 30 - 4.118" x 10" 65 - 4.118" x 22"	2
Ring	S - Carbon Steel SS - Stainless Steel P - Polypro Flange PR - Polypro Ring SR - Seal Rite DS - Draw String N - No Ring	S
Options	HS - Handle Strap	HS

→ **NMU150P2SHS**

FEATURES & BENEFITS

- Available in a highly chemical resistant Nylon material
- Very cost effective
- Non-fiber releasing material
- 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
- Reduced product loss due to virtually no media hold up volume

AA Filter

Additional Area Needle Punch Felt Filter

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 a felt filter bag that leads in product quality, reliability and repeatability.

FEATURES & BENEFITS

- 65% more surface area than your standard size two bag filter
- Up to 50% more flow than your standard size two bag filter
- Lower total costs due to higher solids loading capabilities
- Reduced labor costs from fewer change-outs
- Smaller housing foot-print in new applications

AVAILABLE MATERIAL

- Polyester felt
- Polypropylene felt

ORDERING INFORMATION

Material	AP - Polyester SP - Polypropylene *POXL - Extended Life Polypropylene *PEXL - Extended Life Polyester	AP
Micron Rating	1T, 1, 5, 10, 25, 50, 75, 100, 200**	10
Finish	P - Plain S - Singed	P
Size	2	2
Ring	S - Carbon Ring SS - Stainless Steel Ring P - Polypro Flange	S
Options	AA - Added Area	AA

Example:

AP10P2S-AA

*Not available with Carbon or Stainless Steel Ring

*POXL, PEXL only available in singed finish

**Only Polyester and Polypropylene Standard Felt



BY PROVIDING
65% MORE
SURFACE
AREA THAN
STANDARD
SIZE TWO
BAG FILTERS,
THE AA FILTER
EFFECTIVELY
REDUCES
LABOR COSTS
FROM FEWER
CHANGE-OUTS,
CUTS TOTAL
OVERALL
EXPENSES DUE
TO HIGHER
SOLIDS
LOADING
CAPABILITIES,
AND MINIMIZES
HOUSING
FOOT-PRINT
IN NEW
APPLICATIONS

X-tra Life filter bags

(POXL & PEXL)



APPLICATIONS

- General Chemical
- Produced water from Gas drilling
- Process Water
- Food and Beverage
- Paints and Coatings

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.

FEATURES & BENEFITS

- 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

ORDERING INFORMATION

		Example:
Material	POXL - Polypropylene extended felt life PEXL - Polyester extended felt life	POXL
Micron Rating	1, 5, 10, 25, 50, 75, 100	10
Finish	S - Singed N - Nylon mesh cover	S
Size	1 - 7" x 16" 2 - 7" x 30.5"	2
Ring	P - Polypro Flange	P
Options	WE - Welded	

POXL10S2P



AVAILABLE
IN COMPONENTS
APPROVED BY FDA/EC



Absorb-Rite® Bags

Offers a Two-in-One Design

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.

FEATURES & BENEFITS

- 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
- Absorb-Rite® has higher hydrocarbon removal capacity than other filter bags on the market
- Has 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

APPLICATIONS

- Electroplating Paints
- Liquid Fertilizers
- Electroplating
- Pickling Liquids
- Cutting Oil Removal
- Waste Water Treatment
- Glycols



ORDERING INFORMATION

		Example:
Material	SP - Polypropylene Felt	SP
Micron Rating	1, 5, 10, 25, 50, 75, 100, 200	100
Finish	S - Singed	S
Size	1 - 7" x 16" 2 - 7" x 30.5" 3 - 4.08" x 8" 4 - 4.08" x 14" *30 - 4.118" x 10" *65 - 4.118" x 22" *C1 - 7" x 16.5" *C2 - 7" x 31"	2
Ring	S - Carbon Steel SS - Stainless Steel P - Polypro Flange PR - Polypro Ring	S
Options	C - Absorb-Rite	C

*Not Available with Polypro Ring

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.

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

SP100S2SC

Carbon & Chem ready

Separate & Remove Substances from Liquid Streams



This **Strainrite** filtration innovation is designed to separate and remove undesirable substances from liquid streams. This proprietary filter bag features 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.

FEATURES & BENEFITS

- Zippered top disc makes media loading easy
- Available in either polypropylene or chemically resistant nylon plastic
- Non-fiber releasing material
- Excellent nominal efficiency performance when utilized with a support basket
- 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

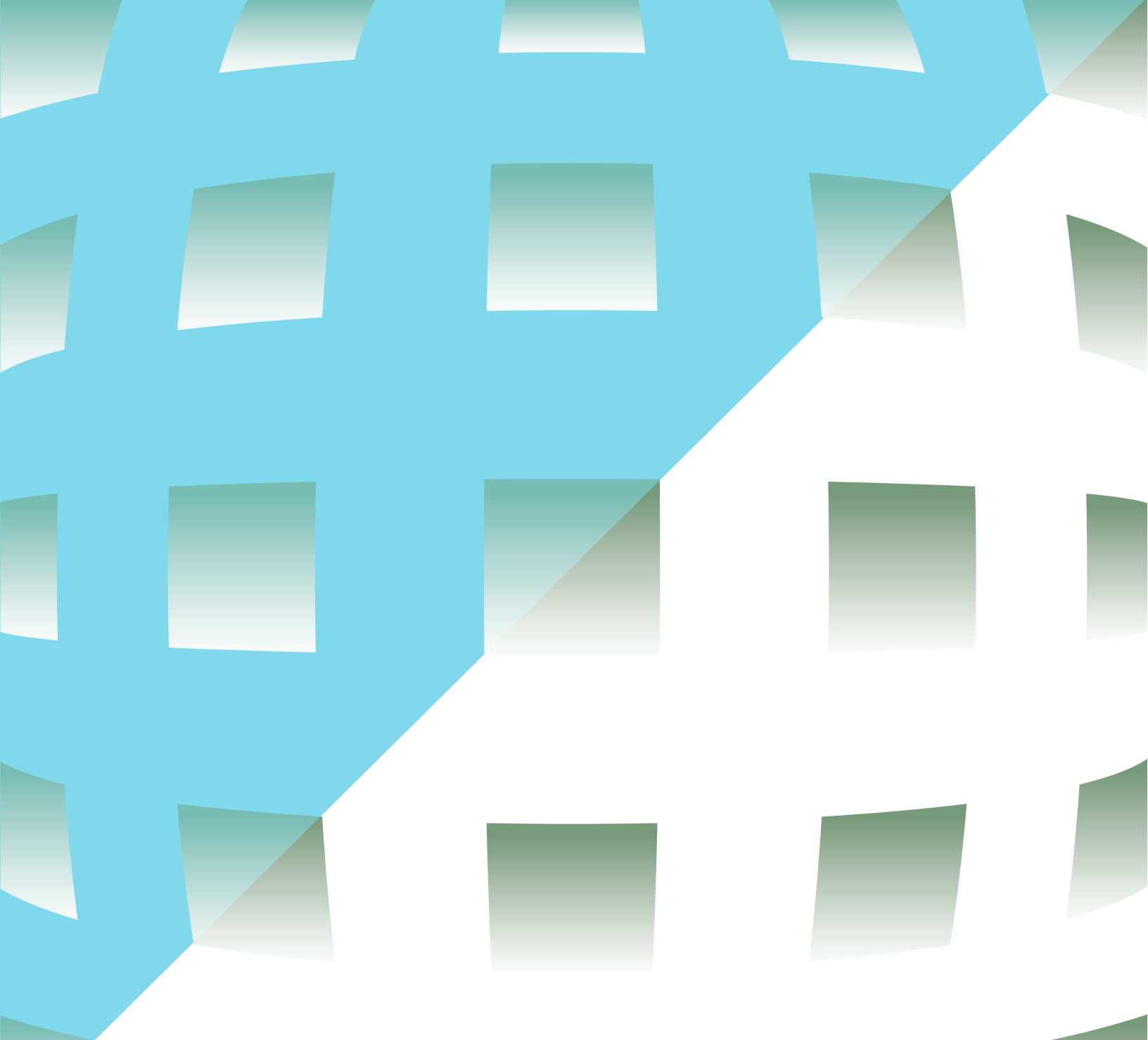
ORDERING INFORMATION

		Example:
Material	SP - Polypropylene Felt AP - Polyester Felt	SP
Micron Rating	1, 5, 10, 25, 50, 75, 100, 150, 200	100
Finish	P - Plain S - Singed	S
Size	1 - 7" x 16" 2 - 7" x 30.5"	2
Ring	S - Carbon Steel SS - Stainless Steel PR - Polypro Ring	S
Options	Carbon Ready Chemical Ready	Carbon Ready

→ **SP100S2S-Carbon Ready**

APPLICATIONS

- Plating
- Parts Cleaning
- Machine Cutting Fluids
- Produced Water
- Waste Water
- Groundwater Remediation



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FX: 440-285-0730
www.nefilter.com



The
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Filtration