MICRON RATED FELT FILTER BAGS
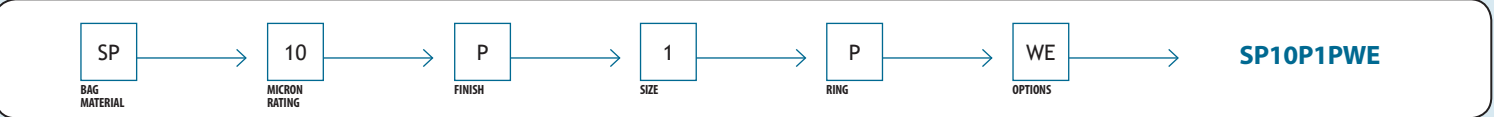
Sure-Weld
The Classic

▶ PAINTS & COATINGS
▶ GENERAL CHEMICAL
▶ PRODUCED WATER FROM GAS DRILLING
▶ PROCESS WATER
▶ INK INDUSTRY
▶ FOOD AND BEVERAGE INDUSTRY

ORDER GUIDE

SP	10	P	1	P	WE	SP10P1PWE
BAG MATERIAL	MICRON RATING	FINISH	SIZE	RING	OPTIONS	

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 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.

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:

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

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

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