

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

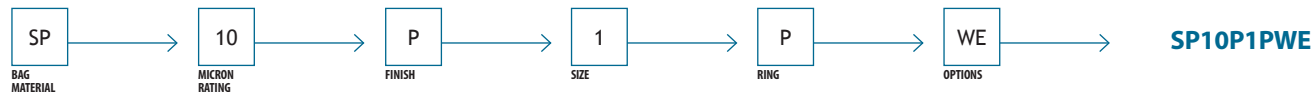
- ▶ FELT FILTER BAGS OFFER SEVERAL DISTINCT ADVANTAGES OVER STANDARD STRING WOUND AND MELT BLOWN CARTRIDGES
- ▶ HYGIENICALLY SUPERIOR DUE TO INSIDE-OUT FLOW DYNAMICS, ALL IMPURITIES ARE CONTAINED INSIDE THE FILTER BAG
- ▶ LOWER TOTAL COSTS DUE TO HIGHER SOLIDS LOADING CAPABILITIES
- ▶ REDUCED LABOR COSTS 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



ORDER GUIDE



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