MICRON RATED FELT FILTER BAGS

THE CLASSIC, SURE-WELD

PRODUCT HIGHLIGHTS

- **Hygienic, inside-out flow** contains all trapped impurities inside the filter
- **Superior solids holding** for reduced labor and disposal costs
- **Faster, easier bag changes** versus multiple cartridge replacements
- **Offered in a wide range of micron ratings** (0.5–200) and materials for maximum versatility
- **Engineered for robust compatibility** across acids, alkalis, oxidizers, solvents, and elevated temperatures

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

CLASSIC

- **Uniform performance** batch-to-batch, job-after-job
- **Enhanced process uptime** and quality assurance
- **Seamless fit into standard housings** with a variety of ring and flange options

PRODUCT DESCRIPTION

Engineered for exceptional performance, the Sure-Weld Micron Rated Felt Filter Bag features our exclusive "Tri-Seal" P-flange—an innovation that surpasses traditional sewn snap ring and poly flange designs. By utilizing advanced welding methods tailored for needle-punched felts, we produce fully welded filter bags recognized for their superior strength and long-lasting durability.

Each Sure-Weld filter is constructed with an overlapping side seam, ensuring a smooth profile and eliminating the bulky seam commonly found on stitched bags. This seamless approach, combined with direct welding to our signature "Tri-Seal" P-flange, delivers unmatched seal integrity—significantly reducing bypass and guaranteeing more consistent filtration results. Choose Sure-Weld for reliable operation, smooth fit, and performance you can count on with every use. Embossing 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

SPECIFICATIONS

SCAN FOR MORE INFO

The Classic Felt

Sure Weld Felt

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ORDER OPTIONS

MATERIAL	MICRON RATINGS	FINISH	SIZE	RING	OPTION
SP Polypropylene Felt	**SP** 0.5*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200	**S** Singed	**1** 7" x 16"	**P** Polypropylene P-Flange	**WE** Sure-Weld
AP Polyester Felt	**AP** 0.5*, 1T, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200	**P** Plain	**2** 7" x 32"	**M** Polypropylene M-Flange	**HS** *Handle-Strap
HT *Nomex	**HT** 1, 5, 10, others avail able on request	**B** *Singed Both Sides	**3** *4.08" x 8"	**PER** Polyester P-Flange	**AS** *Fully Stitched
N *Nylon	**N** Available on Request	**C** *Cerex Cover	**4** *4.08" x 14"	**MER** Polyester M-Flange	
		N *Nylon Mesh Cover	**25** *4" x 9"	**DS** *Draw String	
			30 *4.118" x 10"	**S** *Carbon Steel Ring	
			50 *4" x 21"	**SS** *Stainless Steel Ring	
			65 *4.118" x 22"	**PR** *Polypropylene Ring	
				N *No Ring	
				Z *Polypropylene Z-Flange**	
*Not available in Sure-Weld	*Not available in Sure-Weld	*Not available in Sure-Weld	*Not available in Sure-Weld	*Not available in Sure-Weld	*Not available in Sure-Weld

SP (Material) → 10 (MICRON RATING) → P (FINISH) → 1 (SIZE) → P (RING) – WE (FINISH) → **SP10P1P-WE**

THE STRAINRITE Companies | World Class Filtration

ISO AGS AMERICAN GLOBAL STANDARDS 9001

SYSTEM CERTIFICATION GMP SGS

MADE IN THE US