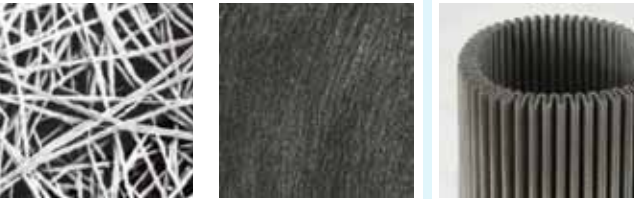




PSSF Pleated Stainless Steel Felt Cartridges

Cobetter Pleated Stainless Steel Felt Cartridges composed of stainless steel fibers sintered from coarse to fine graded pore size, which are characterized with absolute-rated retention efficiency, high porosity, and high dirt holding capacity. In addition, the pleated construction provides a large effective filtration area.



Features and Benefits

- Absolute particle removal rating
- Available in 316L stainless steel for use with aggressive chemicals
- Cartridge can be reused/cleaned
- Design gives way to high flow rates and temperature systems
- Welded construction eliminates the need for adhesives which can be a contaminant source
- Different seal configurations allow for retrofitting

Materials of Construction

Filter Medium	316 stainless steel wire felt
Structural Components	100% 316 stainless steel
Seal Materials	Please refer to ordering information
Construction Method	Welded(no adhesives)

Operating Conditions

Operating Temperature	-75°C~ +480°C
Max. Pressure Difference	0.5MPa (from outside to inside) 0.2MPa (from inside to outside)

Removal Ratings (Liquid μm)	Removal Ratings (Air μm)	Porosity (%)	Dirt Holding Capacity (mg/cm ²)	Average Air Penetrability (L/cm ² min)	Liquid Flow Rate (m ³ /h)
3.0	0.5	70%	7.9	10	0.8
5.0	1	75%	5.0	47	1.3
7	1.5	76%	6.5	63	1.6
10	2	75%	7.8	105	2.0
25	16	80%	19.0	355	2.5
40	25	-	-	-	-
60	45	-	-	-	-

Flow Capacity

Filter Code	Steam Flow (1 barg)	
	ΔP=100mbar	ΔP=200mbar
PSSF-0300-025	24kg/H	48kg/H
PSSF-0300-05	51kg/H	96kg/H
PSSF-0300-10A	120kg/H	240kg/H

Effective Filtration Area

1.7 ft ² /10 in length (1580 cm ² /254 mm)
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Ordering Information

PSSF	Removal	End Cap	Nominal Length	Diameter	Seal Material	-F
	0200=2.0 μm 0500=5.0 μm 0700=7.0 μm 1000=10 μm 2500=25 μm 4000=40 μm 6000=60 μm	DOE=Double open end TC=222 O-ring/ at cap SC=226 at L=NPT	05= 5" 10=10" 20=20" 30=30" 40=40"	D25=25mm D30=30mm D50=50mm D65=65mm D70=70mm	S=Silicone E=EPDM V=Viton P=PFA/Viton F=PTFE	