

Masterfilter SDF-S Series Filter

Cylindrical Stainless Steel Wire Sintered Cartridge Filter



Masterfilter SDF-S series

The Masterfilter SDF-S series cylindrical stainless steel wire sintered filters are sintered by multilayer 316 stainless steel wire cloth. The specialties of high strength, corrosion resistance, high dirt holding capacity makes SDF-S an excellent choice for steam service and other ultra-fine solids removal applications in both liquid and gas applications.

Applications

- Steam filtration
- Aggressive chemicals and gases
- Corrosive fluids
- Viscous fluids

Features and Benefits

- Available in 316 stainless steel compatible with aggressive chemicals
- Cartridge can be cleaned and re-used
- Welded construction
- Retrofits for many existing filter cartridges
- High flow rate
- High temperature resistant and pressure

Materials of Construction

- Filter media: Multilayer of stainless steel wire cloth (standard 316, optional 304, 304L)
- Structural components: 100% stainless steel
- Construction method: Welded adhesives
- End caps: AISI 316
- O-rings: EPDM, Silicone, Viton, PTFE encapsulated Viton

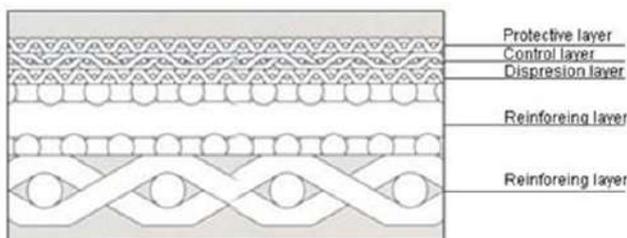


Operating Parameters

- Max. differential pressure: 10 barg (outside to inside), 5 barg (reverse flow)

Quality Assurance

- Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011



Part Numbers

SDF-S 0100 - 20 - HSF -

Code	Removal rating [μm]
0100	1
0200	2
0500	5
1000	10
2000	20
2500	25
1000H	100

Code	Length	
	[mm]	[inch]
2.5	70	2.5
5	127	5
10 (H)	254	10
20	508	20
30	762	30
40	1016	40

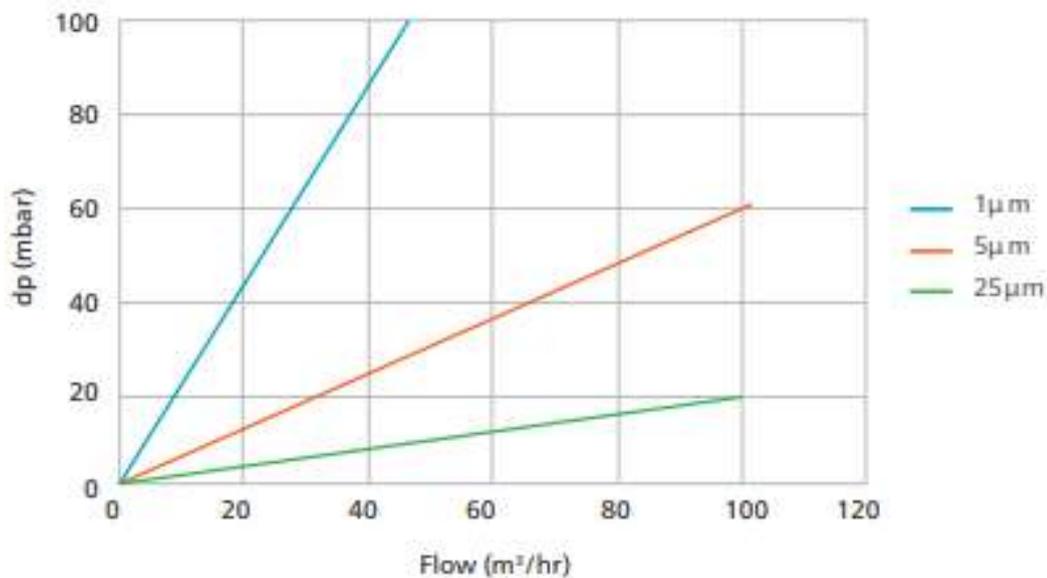
Code	End caps
DOE	Double end caps
HTC	222 O-ring/flat (Code 3)
HSH	H-code dh/Ultrafilter
HSF	226 O-ring/fin (Code 7)
STT	T-code bayonet

Code	O-rings
S	Silicone
E	EPDM
V	Viton
P	PTFE enc. Viton

e.g. part number: SDF-S-0100-20-HSF-S

SDF-S filter, 1 μm , 20" Length, Code 7 End caps, Silicone O-rings

Flow rate



Note: 1030 cartridge tested with saturated steam @ 121°C/1 barg