

# 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

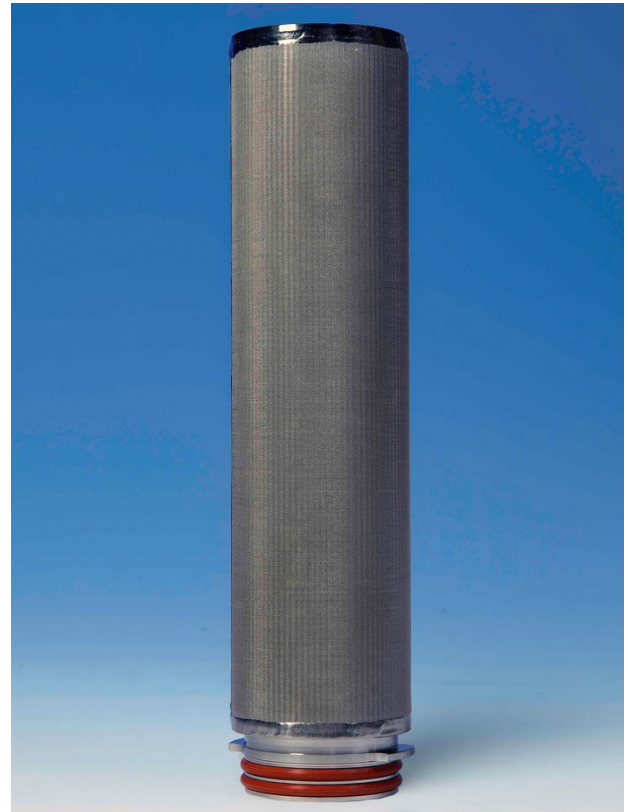
- Steam filtration
- Aggressive chemicals and gases
- Corrosive fluids
- Viscous fluids

## 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

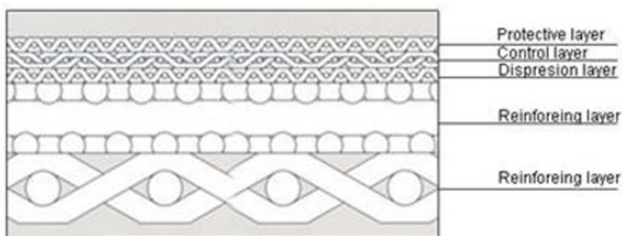


## Operating Parameters

- 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



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## Part Numbers

SDF-S 0100 - 20 - HSF -

Code	Removal rating [µm]	Code	Length		Code	End caps	Code	O-rings
			[mm]	[inch]				
0100	1	2.5	70	2.5	DOE	Double end caps	S	Silicone
0200	2	5	127	5	HTC	222 O-ring/flat (Code 3)	E	EPDM
0500	5	10 (H)	254	10	HSH	H-code dh/Ultrafilter	V	Viton
1000	10	20	508	20	HSF	226 O-ring/fin (Code 7)	P	PTFE enc. Viton
2000	20	30	762	30	STT	T-code bayonet		
2500	25	40	1016	40				
1000H	100							

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

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