

Metal-Flow Series Filter Cartridges



Product Introduction

Metal-Flow series filter cartridges is made of sintered stainless steel fiber or sintered fiber mesh filter media and available in 304 stainless steel and 316 stainless steel which are cleanable in a variety of applications. The construction of Metal-Flow series is all welded and robust. Besides, it is available with single open end configurations which provide greater sealing integrity. The pleated type of Metal-Flow series has high surface filtration area that can handle higher flow rate for additional on-stream life.

- Manufactured under a certified ISO 9001 quality system

Product Specifications

Materials of Construction

- Filter Media: 304 or 316 Sintered Stainless Steel Fiber or Sintered Wire Mesh
- Hardware: 304 or 316 Stainless Steel
- End Caps: 304 or 316 Stainless Steel
- Sealing: Tig Welded
- Support Material: Stainless Steel Sintered Mesh
- Gaskets/O-rings: Silicone, EPDM, Viton, Teflon Encapsulated Viton

Dimensions

- Outside Diameter: 2.7" (68mm)
- Lengths: 10", 20", 30", 40"

Performance Specifications

Retention Ratings

1, 5, 10, 20, 50, 75, 100 μm

Operating Conditions

- Maximum Forward Differential Pressure: 145 psid (10 bar)
- Maximum Reverse Differential Pressure: 29 psid (2 bar)
- Maximum Continuous Operating Temperature: 392°F (200°C)
Please check gasket temperature compatibility



Ordering Information

SSP	5-	10	S-	3	E
Product Name	Retention Rating	Cartridge Length	Material	End Configuration	O-ring Material
SSD (Depth Type)	1, 5, 10, 20, 50,	10" 20" 30"	A=304SS S=316SS	DOE=Double Open End Code 3=222 / Flat	E=EPDM V=Viton S=Silicone F=Teflon Encapsulated Viton
SSP (Pleated Type)	75, 100 µm	40"			