Sinterflo® F
Cylindrical Sintered Metal Fiber Filter Cartridges

This datasheet applies to the following product part numbers for the Sinterflo® F cylindrical sintered metal fiber filter cartridges:

- **Sinterflo F DOEC-XXXX-XX-XXX**: Double open ended fitting
  1” (26mm) internal diameter

- **Sinterflo F 222C-XXXX-XX-XXX**: 222 fitting
  1.2” (30mm) internal diameter

- **Sinterflo F 226C-XXXX-XX-XXX**: 226 fitting
  1.6” (40mm) internal diameter

- **Sinterflo F NP1C-XXXX-XX-XXX**: 1” NPT fitting
  1” (26mm) internal diameter

- **Sinterflo F NP5C-XXXX-XX-XXX**: 1.5” NPT fitting
  1.5” (38mm) internal diameter

- **Sinterflo F NP2C-XXXX-XX-XXX**: 2” NPT fitting
  1.5” (38mm) internal diameter

**Materials of Manufacture**
316L stainless steel standard. 304L stainless steel, Inconel® 601, Hastelloy® X, NiCrMo Alloy 59 and FeCrAl Alloy available on request or by process selection.

**Cartridge Dimensions (Nominal)**
- Diameter*: 2.6” (66mm) standard
- Length*: 05: 5” (125mm)  
  10: 10” (250mm)  
  20: 20” (498mm)  
  30: 30” (745mm)  
  40: 40” (1012mm)

* Other diameters and non-standard lengths available on request.

**Effective Filtration Area**
0.55ft² (0.05m²) per 10” (250mm) cartridge.

**Gaskets and O-Rings**
EPDM as standard. Nitrile, PTFE, Silicone, Viton® and PTFE coated Viton® available on request or by process selection.

**Maximum Differential Pressure**
- Normal flow direction: 367psi (25bar)
- Reverse flow direction: 44psi (3.0bar)

**Operating Temperature**
- Maximum continuous: up to 644°F (340°C) seal limiting
  up to 1832°F (1000°C) alloy limiting
Technical Specifications

Typical Flow Rates in Water

Typical Flow Rates in Air

Typical Flow Rates in Steam

Particle Retention Rating

* Single Pass Efficiency Test in accordance with ASTM795 ACFTD.