



## Specification Sheet

### **FLOWFILT SS SINTERED FILTER CARTRIDGE**



FLOWFILT Stainless Steel sintered powder filter cartridges are recommended for the filtration of air or liquid

at higher operating temperatures & corrosive environment. Sintered S.S. cartridges are produced by cold isostatic pressing, which gives high porosity to the material and also stability. They can easily be cleaned or back washed thus having longer shelf life. Sintered filters are able to withstand high differential pressure across the filters.

#### **FEATURES & BENEFITS:**

- High mechanical strength & good integrity
- Good corrosion and thermal resistance
- No possibility of media migration
- Good permeability
- Service life can be prolonged by cleaning and regenerating process

#### **PRODUCT SPECIFICATIONS:**

Micron Rating	0.5, 1, 3, 5, 10, 25 $\mu$
Length	100 mm to 1000 mm or as per request
Outer Dia	63 mm, other dia available on request
Inner Dia	57 mm
Wall thickness	3 mm
Max operating temp	No constraint

<b>Sterilization</b>	121°C, 30 min, 10 times
Autoclave	80°C, 30 min, 30 times
Hot water	
Effective surface area for sintered filter element	Approx 1000 cm <sup>2</sup> per standard 500 mm long cartridge

#### **CONSTRUCTION:**

- Filter media: SS 316L
- End Caps: SS 316/ SS 316L
- 'O' Ring/ Gaskets: Silicone/ EPDM/ Viton

#### **CONFIGURATION:**

- Double open end- DOE
- Code 7S (226- double 'O' Ring / fin)
- 1" BSP threaded, other end closed

#### **APPLICATIONS:**

- Gas & liquid filtration
- Solid catalyst recovery
- Filtration of slurry oil
- Filtration of petrochemical products
- High temperature gas filtration
- Vent applications
- Chemical reagents
- Fluidization
- Spargin