



Specification Sheet

SS SINTERED FILTER CARTRIDGE



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 μ
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
Sterilization	
Autoclave	121°C, 30 min, 10 times
Hot water	80°C, 30 min, 30 times
Effective surface area for sintered filter element	Approx 1000 cm ² 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
- Sparging