



# Wiremesh Filter Cartridges



## Overview

- Wire mesh filter cartridges are manufactured from various mesh size wire-meshes.
- They are resistant to bacterial attack and compatible with a wide range of Chemicals.
- The wire mesh has a good porosity upto 55 % having flexibility to convert into cylindrical shape cartridges or in pleated configuration with required filtration area .

## Features & Benefits

- Low pressure drop, High capacity of dust and long service life.
- End connectors can be welded with pulse tig welding.
- Pleated wire-mesh filter is a multi-layered structure with the help of support mesh combinations.
- Allowable Temperature : 500°C
- Max Pressure : 100 kg/cm<sup>2</sup> with Supporting core-tube
- Replacement Pressure Drop : 2.5 to 10 kg/cm<sup>2</sup>

## Application

- Compressed Air, Gases & Steam
- Highly purified water, DM water, DI water
- Process fluids, Chemicals, Fuel, Oil, Solvents etc..

## Specification

- Upstream and downstream filter support : Must using coarser mesh support
- Core : Perforation or With / Without Spring
- End cap : SS 304, SS 316L or Hastelloy
- Gasket/O-ring : Silicon, EPDM, Viton, PTFE
- Type of caps : Both End Open, CODE VII, CODE II, BSP / NPT threaded
- Filtration rating : 1, 3, 5, 10, 20, 50, 100um
- Outer diameter : Standard 64 mm & other diameters are available on request
- Length : Standard 5", 10", 20", 30", 40" & other lengths are available on request.