



Porous Ceramic Filter Cartridges



Overview

- Porous Ceramic filter cartridges are manufactured from combination of Aluminum, Magnesium & Silicon Oxides
- Ceramics are resistant to acidic & alkaline fluids and compatible with a wide range of Chemicals & Solvents.
- Ceramic Filter Cartridges are having High Temperature resistance & Excellent Corrosion Resistance
- The Porous Ceramics are having limited porosity of 40% and thickness of 10, 15, 20mm and have self-strength to get the cylindrical shape cartridges of Specified diameter & length.

Features & Benefits

- Low pressure drop, High capacity of dust and long service life.
- End caps and connectors sealed by Adhesive joints
- Allowable Temperature : 40°C to 1000°C
- Max Op. Pressure : 100 kg/cm²

Application

- Compressed Air , High temperature Gases
- Process fluids, Highly Acidic chemicals, Molten Sulphur
- Fluidization, Instrumentation, Gas Analyzers
- Chlorine gas, Hydrogen Gas filtration

Specification

- Filter media : Ceramic
- Core : Perforation or Spring for High Pressure Applications
- End cap : MS, SS or Aluminum
- Gasket/O-ring : Silicon, Viton, Buna-N, CAF
- Type of caps : Both End Open, One end open with flange and other end bottom porous
- Filtration rating : For air & gas : 0.5, 1, 3, 5, 10, 20um For Liquids : 1, 3, 5, 10, 20um
- Outer diameter : 25 mm, 30 mm, 40 mm , 50 mm, 60 mm, 70 mm
- Length : Customized up to max 1500 mm