Stainless Steel Filter Cartridge

Stainless Steel Filter Cartridge is design for applications involving extreme operation conditions and aggressive fluids and gases.The rugged,fixed pore structure is constructed from stainless steel.This filter element can withstand heat,high pressure and repeated cleaning and backwash cycles.Mechanical strength and corrosion resistance are the advantages of a seamless design.

APPLICATIONS

- Steam filtration
- Prefiltration and decarbonization of high viscosity liquid filtration
- Removing impurityes of liquids in petrochemical industry
- Aggressive solvents filtration
- Highly corrosive liquid and gas purification
- Liquids or gases filtration in high temperature and pressure

BENEFITS

- Extremely robust construction, high mechanical strength
- Ideal for aggressive solvents,viscous and hot solutions
- Backwashable and cleaned by chemical solvent, hot water,steam, long service life
- Removal rating from 1.0 to 100 microns

MATERIALS OF CONSTRUCTION

Outside Diameter
60mm/80mm

Filter Media
SUS304,SUS306,SUS306L,SUS316

Inner Core
Stainless steel

Cage,End Cap
Stainless steel

Seal Method
TIG welding

CONFIGURATIONS

Removal Rating (µm)

| 1 | 3 | 5 | 10 | 20 | 50 | 100 |

Length (Base on DOE)

| 10 | 20 | 30 | 40 |

O-rings/Gaskets

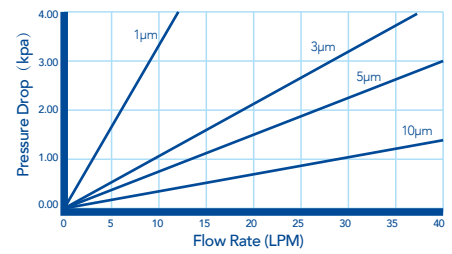| S = Silicone | E = EPDM | B = NBR |
| V = Viton | F = E-FKM | |

SPECIFICATION

Max Operating Temperature
Up to 300°C (572 F)

Porosity
35% - 45%

water flow rate @ 25 °C (77°F)

ORDERING CODE

Example : HMSS-04-3-20-D-B

		Media	Micron	Length	End Cap	O-Ring/Gasket
HMSS		04 = SUS304 06 = SUS306 06L = SUS306L 16 = SUS316	1 = 1µm 3 = 3µm 5 = 5µm 10 = 10µm 20 = 20µm 50 = 50µm 100 = 100µm	10 = 10" 20 = 20" 30 = 30" 40 = 40"	D = DOE 3F = 213/Flat 2T = 222/Flat 2N = 222/fin 6T = 226/Flat 6N = 226/Fin M1 = 3/4" Male NPT threads M2 = " Male NPTthreads	S = Silicone B = Buna-N E = EPDM V = Viton F = E-FKM