Titanium Powder Sintered Filter Cartridge

Titanium Filter Cartridge is design for applications involving extreme operation conditions and aggressive fluids and gases.The rugged,fixed pore structure is constructed from sintered titanium powder. 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 at 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
Titanium Powder Sintered

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

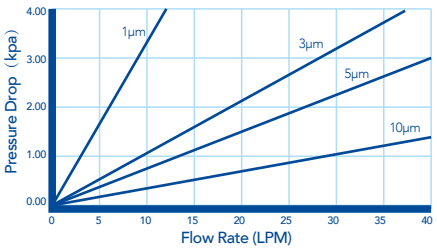
S = Silicone	E = EPDM	B = NBR
V = Viton	F = E-FKM	

SPECIFICATION

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

Porosity
35% - 45%

water flow rate @ 25 °C (77°F)



ORDERING CODE

Example : HMTP-3-10-2T-B

	Micron	Length	End Cap	Seal Material
HMTP	**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	**S** = Silicone **B** = Buna-N **E** = EPDM **V** = Viton **F** = E-FKM