







# HIGFLOW SINTERED FIBER CARTRIDGE

GV Filtri Industriali manufacture a range of industry standard stainless steel filter cartridges suitable for use in a wide range of industries, including petrochemical. The robustness of design, that is provided by a fully welded metallic element or cartridge, is required to resist deterioration in harsh operating environments where the fluids present are aggressive, high temperatures are experienced or where the operating differential pressures are high.



OIL & GAS	CHEMICAL & PETROLCHEMICAL	WATER TREATMENT	ENERGY	FOOD & PHARMA	INDUSTRIAL
					

## Applications

### Oil & Gas

- Refinery process fluids • Gas Treatment • Catalysts Recovery • Off-shore water injection • Ammine Filtration

### Chemical & Petrolchemical

- Ammine Filtration • Reagent • Solvent • Catalysts Recovery • Gas Treatment • Process Fluids • Prefiltration • Industrial Process water Filtration • Softening System Protection • Water Treatment

### Water Treatment

- Industrial process water filtration • Drinking water filtration • Waste water treatment

### Energy

- Process Fluids • Gas separations & treatment • Water treatment • Gas Separation & Treatment

### Food & Pharma

- Beverage and Water

### Industrial

- Steel sector • Mechanic Industry • Paper Mills • Textile Industry • Steel Production • Iron & Steel

## FEATURES

**MATERIALS:**

AISI316L  
FECRALLOY  
INCONEL  
ALLOY HR  
MORE ON REQUEST  
UP TO 1000C°  
3 TIMES MORE THAN SINTERED POWDER  
UP TO 10BAR

**MAX TEMPERATURE**

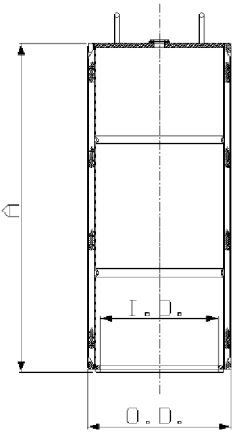
**HIGH DIRT HOLD CAPACITY:**

**DIFFERENTIAL PRESSURE:**

## MICRON RATINGS

MICRON RATING (CODE)	LIQUID (MICRON) 99.9 EFFICIENCY	GAS (MICRON) 99.9 EFFICIENCY
3	3	1
5	5	1.5
10	10	3
15	15	4
20	20	6
30	30	8
40	40	11
60	60	16

## GENERAL DRAWING



## DIMENSIONS

ELEMENT CODE	A [mm]	O.D. [mm]	I.D. [mm]	Filtration Area (2) [cm2]
A1	550	267	223	12.700
A2	1100	267	223	25.400
C1	550	240	194	8.470
C2	1100	240	194	16.940
B1	490	178	134	5.900
B2	980	178	134	11.800
E1	550	143	106	8.470
E2	1100	143	106	16.940
D1	490	135	92	5.900
D2	980	135	92	11.800
F1	490	105	65	5.900

More available on request